Combined Index to

AGRICULTURAL ENGINEERING

The Journal of the

AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS

Volume 49 — January to December 1968

TRANSACTIONS of the ASAE

Volume 1 - Nos. 1 through 6

ASAE CONFERENCE PROCEEDINGS

AGRICULTURAL ENGINEERING

Issue	•					Pages
Januar	У					1-52
Februa	ry					53-112
March						113-174
April						175-262
May						263-316
June						317-376
July						377-436
August						437-496
Septen	ber					497-558
Octobe	er					559-636
Novem	ber					637-708
Decem	ber					709-774

TRANSACTIONS of the ASAE

Issue					Pages
Vol. 11, No. 1					1-152
Vol. 11, No. 2					153-305
Vol. 11, No. 3					306-450
Vol. 11, No. 4					451-594
Vol. 11, No. 5					595-738
Vol. 11, No. 6					741-892

ASAE CONFERENCE PROCEEDINGS

Issue				Prefix	Pages
Tillage for Greater Crop Production (PROC-168)				TC	1-94

(Page numbers with prefix "T" refer to the TRANSACTIONS of the ASAE — for other prefixes see "ASAE Conference Proceedings")

Published by the

AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS ST. JOSEPH, MICHIGAN 49085

Accidents. Op-farm. New York state: Analyse of the current of the company of th	Accidents. Op-dams. See York state: Se	A	Anaerobiosis, Chemical changes in tile-drain	Bentz, W. W.
Accidently forced whether in 1516 Accidently forced whether in 1516 Activity of best cattle with stiffs 1574 Activity o	Accollately forced wheteins of greenbases of sections of the control of the contr	Accidents, On-farm 581	filters and ditch banks caused by T 41	A tipping bucket device for measuring very low flows
Accountably forced wheaton of greenhous. The activity of beet called with staffs of the packet of breading. Sheet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet of breadings of the packet of breadings. Sheet of breadings of the packet o	Acoustically ferced wholesion of greenhouse. The complete minimation of union. The complete distributions from the complete minimation of union. The complete distributions from the complete	Accidents to farmers and woods workers in	netic movement of colloids in a flowing	Beriage, Arnold G.
Ankaris of beef cattle with tails. T 374 Ankerse joints ablocat to bending. Stear 7 Adrians. P. A. P. Ankaris of the cattle with tails of the cattle of the	Analog model study of a sand-and-graved T-46 and the study of a sand-and-graved T-46 a	Acoustically forced vibration of greenhouse	Analog computer simulation of unidirec-	Berlijn, Johan D.
Adapting shake-earth method of harvesting. 159 Aderiase plants tubbet to bending, 5564 779 Adriase P. A. Adriase plants describ method of harvesting. 150 Adriase P. A. Adriase plants describ method of harvesting. 150 Analyzing evolution and minorities to the plants of	Adhative plants tabecated method of harvesting productions of the production of the	Activity of beef cattle with stalls 374	Analog model study of a sand-and-gravel	Bermudagrass, Heated-die wafer formation
Address, P. A. Adress, P. A. Adres	Addison, P. A. Addison, A. Addison, P. A. A	Adapting shake-catch method of harvesting	Analysis of spray droplet distributions from	Bertrand, A. R.
Adultic approach to determine irration of leasts behavior of selected fruits of the pattern of the least of the pattern of the least of	Assistative approach to determine triagation and the content of the part of of th	Adhesive joints subject to bending, Shear	agricultural aircraft 25	Effect of tillage on soil properties and
bected hruits — 1540 ing to citing packs — 1549 Evaluating the feasibility of mechanizing in the feasibility of the feasibility of mechanizing in the feasibility of the feasibility	sproted programs of the process of t	Adrian, P. A.	ground connectionsT 273	Beville, B. C.
Adapting shake-each method of harvest- Evaluating the fassibility of methods of the control of t	Adapting shake-catch method of barvest. For Evaluating the faculture of the catables of the control of the cont	lected fruits 146	sprinkler spacing, An T 540	ditch banks caused by anaerobiosis T 41
Evaluating the leasibility of mechanizing. Selecting of the manufactural engineering extension in Asia Agricultural engineering extension in Asia Agricultural engineering extension in Asia Agricultural engineering extension in Asia Chapter aducation of the engineering extension in Asia Chapter aducation of the engineering extension of the engineery analysis of machinery. Agricultural engineering extension in Asia Agricultural engineering extension in Asia Chapter aducation in Chapter and Chapt	Evaluating the feasibility of mechanism, 156. RECC of this and ammonia air contamination of the standing system of the feather of the standing system of the feather of the	Adapting shake-catch method of harvest-	puter 465	materials in Florida wetland citrus T566
Anderson. James H. In finane weeding: what's new? 124 Precision planting—a reality for vegetables 125 Precision planting—a reality for vegetables 126 Precision planting—a reality for vegetables 127 Precision planting—a reality for vegetables 128 Precision planting—a reality for vegetables 129 Procision planting—a reality for vegetables 129 Precision planting—a reality for vegetables 129 Procision planting—a reality for vegetables 129 Procision planting—a reality for vegetables 129 Procision planting—a reality for vegetables 129 Precision planting—a reality for vegetables 120 Precision planting—a reality for vegeta	Asserting which nord in substances and the substances of the subst	Evaluating the feasibility of mechanizing	Anderson, D. P.	
In finase weedings: what's new? Precision planting—a reality for vegetables The precision planting—a reality for vegetables The planting of	In Imane weeding: what's new? 2 Precision planting — a reality for vegatables Precision planting — a reality for vegatables Precision planting — a reality for vegatables A minut selectes, and come boom, To said with the common temporary of th	AE IN ACTION	nation on turkey response	Continuous monitoring of soil moisture
Animal response to souis boom. To study 64 A frectical ply trailer — 467 Finger pick-up unit replaces plate in corn Separate Cylinder to handle tailings from combines 174 Apparent thermal conductivity of soil as re- Type replaced point of multi-section management of management in the first properties of affalfa parties. Tell and plate and the soil of the state of the soil of the state of the soil of the state of the soil of the soil of the state of the soil of	A precised pipe trailer A precised pipe trail	In flame weeding: what's new? 234	To meet the demands of today's human	Bickert, W. G.
weather for estimation of temperature 59 Separate cylinder to handle tailings from 1006—no hands) 677 Hydraulic depth control of multi-section 67 Hydraulic depth control 67 Hydraulic depth control 67 Hydraulic depth control 67 Hydraulic depth	A practical pipe trailer	Precision planting - a reality for vege-	Animal response to sonic boom, To study . 86	prevent cracking of pea beans - an
Finger pick-up unit replaces plate in com- Spranter clining from combines Spranter clining from combines Hydraulic depth control of multi-section machinery Total Apple field under compressive leading. Poisson's ratio and Young's modulus for . T 608 havior of a ratio and Young's modulus for .	Finger pick-up unit replaces plate in corn Separate cylinder to handle tailings from combines Mysing of a lood model Arying		weather for estimation of temperature	Bilanski, W. K.
Separate cylinder to handle tailings from combines management in the first of the state thermodynamic properties of alfalfa particles. F259 Agricultural engineering extension in Asia. Agricultural eng	Separate cylinder to handle tailings from color of multi-section of the horizontal color of hydraulic depth control of multi-section of the horizontal color of the horizontal	Finger pick-up unit replaces plate in corn		Transporting wheat grain along the com- bine shoe 408
Lock—no handed livid and the l	Lock — so hands! The construction of cartie waste — To a pole of the construction of cartie waste — To a pole of the construction of cartie waste — To a pole of the construction of cartie waste — To a pole of the construction of cartie waste — To a pole of the construction of cartie waste — To a pole of the construction of	Separate cylinder to handle tailings from	drying of a food model T 874	Mechanical properties affecting leaf loss
so state and a volume modulus for the control of the properties of saffer particles. T232 Aerosol transport as influenced by temperature gradem. T243 Aerosol transport as influenced by temperature and the properties of saffer properties of	son's ratio and Young's modulate for 1988 Aerook transport as influenced by tempera- Aerotoyamic properties of lafalfa particles. Fas's Aerotoyamic properties of the Morrow of the Apple torrage of the Apple to Target and A	Look - no hands! 677	lated to soil porosity	Aerodynamic properties of alfalfa parti-
Accodynamic properties of allatia plantices. 183 Agricultural engineer. Legal liability of the 1517 Agricultural engineer. Legal liability of the 1517 Agricultural engineering extension in Asia 531 Agricultural en	Agricultural engineering extension in National Agricultural Agricultural	Hydraulic depth control of multi-section machinery	son's ratio and Young's modulus for I 608	Biological materials, An instrument for de-
active that gradient againeering extension in Asia Section of the Section of	created agricultural engineering phases of teacher education in teach education in	Aerobic digestion of cattle waste T 757 Aerodynamic properties of alfalfa particles T 829	Apple skin under tensile loading, The Be- havior ofT 34	termining the spectrofluorometric proper- ties ofT 112
Application of dehydrofrigidation to shelled-complete groups of teacher education in agricultural mechanization, Selecting optimum-sized training engineering, Pseptometry in 18 Agricultural mechanization, Selecting optimum-sized training engineering, Steady-state thermodynamics: a methodology for. 76 Agricultural research?, What do tax dollars a Agricultural expectation, Steady-state thermodynamics: a methodology for. 76 Agricultural research?, What do tax dollars a Agricultural research? What do tax dollars a Agricultural expectation, Steady-state thermodynamics: a methodology for. 76 Abrens, J. F. Balk curing cigar tobacco and the future of the steady of the stea	Agricultural engineering peaks of teacher education in agricultural mechanization. Selecting optimises of teacher education in agricultural mechanization. Selecting optimises of the process engineering. Steady-state thermodynamics: a methodology for 68 Agricultural mechanization. Selecting optimises of the selection of the	Aerocal transport as influenced by tempera-	Apple storage, Controlled-Atmosphere gen- erator for	Biological relations in the rapid drying of foliar materials. Physical and
Application of dehydrofrigidation to shelled-complete groups of teacher education in agricultural mechanization, Selecting optimum-sized training engineering, Pseptometry in 18 Agricultural mechanization, Selecting optimum-sized training engineering, Steady-state thermodynamics: a methodology for. 76 Agricultural research?, What do tax dollars a Agricultural expectation, Steady-state thermodynamics: a methodology for. 76 Agricultural research?, What do tax dollars a Agricultural research? What do tax dollars a Agricultural expectation, Steady-state thermodynamics: a methodology for. 76 Abrens, J. F. Balk curing cigar tobacco and the future of the steady of the stea	Agricultural engineering peaks of teacher education in agricultural mechanization. Selecting optimises of teacher education in agricultural mechanization. Selecting optimises of the process engineering. Steady-state thermodynamics: a methodology for 68 Agricultural mechanization. Selecting optimises of the selection of the	Agricultural engineer, Legal liability of the. 517	Apple. Thermal properties of the McIntosh. T 21	Biopotentials, Direct measurement of mus-
Agricultural engineering phases of teacher ceducation in agriculture—Report IV, Sectionary in T. 180 Agricultural engineering, Psychrometry in T. 180 Agricultural engineering phases of teacher declared for developmental T. 758 Agricultural engineering phases of teacher declared for the Agricultural engineering agricultural engineering phases of the Agricultural research?, What do tax dollars state thermodynamics a methodology for T. 68 Agricultural research?, What do tax dollars state thermodynamics are therefore the Agricultural research? What do tax dollars state thermodynamics are the total state of the Agricultural engineering phases and the failure strength of glass bead systems. 1616 Agricultural research?, What do tax dollars shall be the phase of the total state of the Agricultural engineering phases and the failure strength of glass bead systems. 1616 Agricultural wastes management in the further of the phase of the phase of the phase of the failure strength of glass bead systems. 1616 Agricultural essence, What do tax dollars shall be the phase of the ph	Agricultural engineering phases of teacher education in agriculture—Report IV. Sectional and agriculture—Report IV. Section of the Agricultural engineering. Psychrometry in 1180 Agricultural process engineering. Steady-state thermodynamics: a methodology for 7. 68 Agricultural brocess engineering. Steady-state thermodynamics: a methodology for 7. 68 Agricultural swates management in the future of the state of the stat	agricola) Jou	of tree structure on damage to	Bird's-foot trefoil, Mechanical properties
Applications of geometry analysis of anomalous content of the properties of selected fruits vs. Applications of geometry analysis of anomalous content of the properties of selected fruits vs. Applications of geometry analysis of anomalous content of the properties of selected fruits vs. Applications of geometry analysis of anomalous content of the properties of selected fruits vs. Applications of geometry analysis of anomalous content and the properties of selected fruits vs. Applications of geometry analysis of anomalous content and the properties of study of a sand-application of geometry analysis of anomalous content and the properties of study of a sand-application of geometry analysis of anomalous content and the properties of study of a sand-application of geometry analysis of anomalous content and the properties of study of a sand-application of geometry analysis of anomalous content and the properties of study of a sand-application of geometry analysis of anomalous content and the properties of study of a sand-application of geometry analysis of anomalous content and the properties of the properties of a study of a sand-application of geometry and the properties of a study of a sand-application of geometry and the properties of a study of a sand-application of geometry and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties of a study of a sand-application and the properties o	Agricultural mechanization, Selecting optimization of geometry analysis of anomal control of the properties of selected fruits v. T. 534 Agricultural mechanization, Selecting optimization of the properties of selected fruits v. T. 534 Agricultural mechanization, Selecting optimization of the properties of selected fruits v. T. 534 Agricultural mescarchi, What do tax dollars a particultural wastes management in the function of the properties	Agricultural engineering extension in Asia . 531 Agricultural engineering phases of teacher	corn conditioningT 312	Bittner, D. R.
Agricultural engineering, Psychrometry in T 180 Agricultural process engineering, Steady- state thermodynamics: a methodology for T 68 Agricultural process engineering, Steady- state thermodynamics: a methodology for T 68 Agricultural process engineering, Steady- state thermodynamics: a methodology for T 68 Agricultural research? What do tax dollars but the state of the steady that the steady th	Agricultural engineering, Psychrometry in T180 Agricultural process engineering, Steady-state thermodynamics a methodology for 158 Agricultural process engineering, Steady-state thermodynamics are developed by the Steady State thermodynamics are developed by the Steady Stead	ondary education 148	lous shapes to problems in transient heat	maturity T 534
mum-sized tractors for developmental . T 508 Astricultural process engineering. Steady state thermodynamics: a methodology for 1. 8 state thermodynamics: a met	modestactors for developmental T-98 Agricultural process engineering. Steady- Agricultural wastes management in the brown of the steady of	Agricultural engineering, Psychrometry in . 1 180	transfer	Black, A. L.
state thermodynamics: a methodology for T. 68 Agricultural research?, What do tax dollars a buy in Agricultural research? what do tax dollars buy in Agricultural vastes management in the f. 29 Agricultural wastes management in f. 29 Agricultural wastes management in f. 29 Agricultural wastes wastes of east of the formati	state thermodynamics: a methodology for. T 68 Agricultural research?, What do tax dollars 20 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural wastes management in the future strength of glass bead systems 1 616 Agricultural engineering 311 Automatic beddead sediment sampler, An . 524 Automatic beddead sediment sampler, An . 525 Agricultural waster strength of sediment sampler, An . 526 Agricultural waster strength of sediment sampler, An . 526 Agricultural waster strength of sediment sampler, An . 52	mum-sized tractors for developmental T 508	and-gravelT 448	Black, H. M.
Aspicultural wastes management in the future Agricultural wastes wastes and a wastes wastes for a waste surface. Windumatic Page Agricultural wastes for a wastes wastes for future and the future and th	Asbesios-cement, Engineering design data for compared production will applications and steres and ammonia for the properties of cherry, apple and performance in a baled data for performance in a baled memory and the performance in a baled memory and memory and the performance in a baled memory and memory and the performance in a baled	state thermodynamics: a methodology for. T 68	Relation of moisture content to tensile-	state
Agriculture's march for engineers, Florida Afrens, J. F. Bulker, A. C. Sinvestigation of commonlayer wentilation on turkey response, Effect of dust and ammonia. T515 Air exchange in windowless poultry houses, Psychrometrics of summer ventilation. T78 Air flow over a hexadecanol monolayer Byschrometrics of summer ventilation. T78 Air flow pattern around farm buildings. T287 Air resistance of perforated metal support. T373 Air flow pattern around farm buildings. T287 Air resistance of perforated metal support. T373 Air grain Bulker, A. C. Spray drying of pea beans in a cocurrent for the foreign analysis of spray droplet distribution by T637 Alkerson, N. B. Dry materials distribution by aircraft T635 Alfalfa and bermudagrass, Heated-die wafer formation of the foreign analysis of the performance in a baled Alfalfa sems, Tensile and shear characteristics of Alfalfa stems, Tensile and shear characteristics of Alfalfa stems analysis, A stiffness T. 44 Allen, James B. Alfalfa-bay sterving and station to till age induced soil struction to till age indu	Agriculture's march for engineers, Florida 676 Air engineers on turkey response, Effect of dust and ammonia to make height control for self-propelled combines 553 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of control mentions 553 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel flow for the staturated soils. To Air temperature, Effect of shape of build- 737 Air tempera	buy in 230	Asbestos-cement, Engineering design data	Minimum tillage - a conservation mea-
Agriculture's march for engineers, Florida Afrens, J. F. Bulker, A. C. Sinvestigation of commonlayer wentilation on turkey response, Effect of dust and ammonia. T515 Air exchange in windowless poultry houses, Psychrometrics of summer ventilation. T78 Air flow over a hexadecanol monolayer Byschrometrics of summer ventilation. T78 Air flow pattern around farm buildings. T287 Air resistance of perforated metal support. T373 Air flow pattern around farm buildings. T287 Air resistance of perforated metal support. T373 Air grain Bulker, A. C. Spray drying of pea beans in a cocurrent for the foreign analysis of spray droplet distribution by T637 Alkerson, N. B. Dry materials distribution by aircraft T635 Alfalfa and bermudagrass, Heated-die wafer formation of the foreign analysis of the performance in a baled Alfalfa sems, Tensile and shear characteristics of Alfalfa stems, Tensile and shear characteristics of Alfalfa stems analysis, A stiffness T. 44 Allen, James B. Alfalfa-bay sterving and station to till age induced soil struction to till age indu	Agriculture's march for engineers, Florida 676 Air engineers on turkey response, Effect of dust and ammonia to make height control for self-propelled combines 553 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of control mentions 553 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel flow for the staturated soils. To Air temperature, Effect of shape of build- 737 Air tempera	Agricultural wastes management in the fu-	Asia, Implementing agricultural engineering	Blank, David
Bulk curing cigar tobacco 25 Air contamination on turkey response, Effect of dust and ammonia 15 Air exchange in windowless poultry houses, 78 Psychometrics of summer	Bulk curring cigar tobacco	Agriculture's march for engineers, Florida . 676	extension in	
Air exchange in windowless poultry houses. 7 Air exchange in windowless poultry houses. 7 Air flow over a hexadecation monolayer of the properties of the pr	Aff exchange in windowless poultry houses. The spread on a water surface, Wind-tumel investigation of a water surface, Wind-tumel investigation of most pound of the surface of the surfac	Bulk curing cigar tobacco	Automatic header height control for self-	Bockhop, C. W.
Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of 1537 Air freststance of perforated metal support. T 837 Air freststance of perforated metal support. T 838 Air frest	Air flow over a hexadecand monolayer spread on a water surface, Wind-tunnel spread on the proposed of the water of spread on a water surface, Wind-tunnel spread on a water surface, Wind-tunnel spread on the proposed of the water of surface, I water surface, Wind-tunnel spread on the proposed of the water of surface, I water surface, Wind-tunnel spread on the presentation spread of the water of surface, water surface, Wind-tunnel spread on the water of surface, water surface, Wind-tunnel spread on the water of surface, water surface, Wind-tunnel spread on the water of surface, water surface, water surface, Wind-tunnel spread on the water of surface, water surface, Wind-tunnel spread on the water of surface, water surface, Wind-tunnel spread on the water of surface, water surface, water surface, Wind-tunnel spread on the water of surface, water surface, Wind-tunnel spread on the water of surface, water s	feet of dust and ammonia T 515		production machinest systems T 61
Air flow over a hexadecanol monolayer spread on a water surface, Wind-turn T 553 investigation of our farm buildings T 287 his temperature, Effect of shape of building on interior Air resistance of perforated metal supporting grain T 537 his temperature, Effect of shape of building on interior T 548 his from agricultural T 548 his from a from a from a from a from a from a from agricultural T 548 his from a from	Air flow over a hexadecanol monolayer spread on a water surface, Wind-tumn T 553 and a water surface, Wind-tumn T 553 Air freststance of perforated metal support. T 857 Air temperature, Effect of shape of build. T 537 Air temperature, Effect of shape of build. T 537 Air temperature, Effect of shape of build. T 537 Air temperature, Effect of shape of build. T 537 Air temperature, and the state of the state	tect of dust and ammonia		Prototype studies of tillege implements T 661
Air flow pattern around farm buildings T 257 Air resistance of perforated metal supporting grain Effect of shape of buildings T 377 Air temperature, Effect of shape of building T 377 Air temperature, Effect of shape of building T 377 Air temperature, Effect of shape of building T 377 Air temperature, Effect of shape of building T 377 Air temperature, Effect of shape of building T 377 Air temperature, Effect of shape of building T 377 Air temperature and analysis of spray droplet distribution by T 378 Air temperature and thought of the prevent cracking of pea beans in a cocurrent horizontal driter T 104 Air temperature and thought of the prevent cracking of pea beans in a cocurrent horizontal driter T 104 Air temperature and thought of the prevent cracking of pea beans in a cocurrent horizontal driter T 104 Air temperature and thought of the prevent cracking of pea beans in a cocurrent horizontal driter T 104 Alfalfa and bermudgaras, Heated-die wafer Alfalfa and bermudgaras, Heated-die wafer operations, Scheduling of self-propelled T 683 Alfalfa and bermudgaras, Heated-die wafer on bark damage, Directional strength properties of cherry, apple and diameter on bark damage, Directional strength properties of cherry, apple and diameter on bark damage, Directional strength properties of cherry, apple and peach operations subsequent to baler operations, Scheduling of self-propled T 683 Barn in cold weather, Ventilating the 688 Barn in co	investigation of Air flow pattern around farm buildings T 287 Air flow pattern around flow pattern around from pattern and courtern to the flow pattern and around flow pattern around flow pattern around flow pattern and around flow pattern and around flow pattern and analysis of pattern and around flow pattern and analysis of pattern and around flow pattern and around flow pattern and around flow pattern and analysis of pattern and around flow pattern and analysis of pattern and around flow pattern and analysis of pattern and around flow pattern and analysis and the flow pattern and around flow pattern and analysis and and the flow patte	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation T 78	_	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold-
Air temperature, Effect of shape of building on interior T537 Air temperature, Effect of shape of building on interior T537 Air temperature, Effect of shape of building on interior T537 Air temperature, Effect of shape of building on interior T537 Air temperature, Effect of shape of building of sile propertions from agricultural to the state of the st	Alter facts analysis of spray droplet distribution by To 53 Alfalfa and bermudagrass, Heated-die wafer factifical treatments, Hard-seed reduction in To 54 Alfalfa and bermudagrass, Heated-die wafer factifical treatments, Hard-seed reduction in To 55 Alfalfa and bermudagrass, Heated-die wafer factifical treatments, Hard-seed reduction in To 55 Alfalfa and bermudagrass, Heated-die wafer factifical treatments, Hard-seed reduction in To 55 Alfalfa and bermudagrass, Heated-die wafer factifical treatments, Hard-seed reduction in To 55 Alfalfa particles, Aerodynamic properties factification in To 55 Alfalfa particles, Aerodynamic properties To 55	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation T 78 Air flow over a hexadecanol monolayer spread on a water surface. Wind-tunnel	for the contract of the contra	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E.
spray drying of pea beans in a cocurrent of the foreign of the present of the first	Formation of major distribution by aircraft analysis of spray droplet distribution from agricultural from agricultural from agricultural from agricultural from agricultural from a formation from agricultural from a formation from agricultural from a formation from the formation of fo	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation T 78 Air flow over a hexadecanol monolayer spread on a water surface. Wind-tunnel	Bailey, A. C. Yielding by compaction and shear in un-	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes
Aircartain nozale developed for electrostatically charging dusts T 487 Alesson, N. B. Dry materials distribution by aircraft T 635 Alfalfa be bermadagrass, Heated-lie wafer formation of T 636 Alfalfa be infrared and radiofrequency electrical treatments, Hard-seed reduction in T 28 Alfalfalfa hay harvesting system, Man-machine performance in a baled T 57 Alfalfalfa stems, Tensile and shear characteristics of T 256 Alfalfalfa under high altitude conditions, Evapotariant of the fire face and microclimate of irrigated pastures and T 234 Allient, James B. Nutrient relationships and fertilizer placement as affected by tinflitration in Sharkey clay S84 Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage T 256 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure T 254 Aller, E. R. Aller, E. R. Aller, E. R. Allanger, S. R. Aller, S. R. Allanger, S. R.	Aircartaft. Analysis of spray droplet distributions from agricultural 1 25 Aircraft, Dry materials distribution by 5 16 Aircartain nozzle developed for electrostat. T 487 Akesson, N. Aresson, N. Aresson, N. Aresson, N. Aresson, N. Aresson, N. Aresson, N. Alfalfa by infrared and radiofrequency electrical treatments, Hard-seed reduction in T.728 Alfalfa-hay harvesting system, Man-marchine performance in a baled 57 Alfalfa particles, Aerodynamic properties 75 Alfalfa pa	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application
Aircraft, Dry materials distribution by T 635 Akesson, N. B. Akesson, N. B. Alkalfa by infrared and radiofrequency electrical treatments, Hard-seed reduction in T 788 Alfalfa by infrared and radiofrequency electrical treatments, Hard-seed reduction in T 788 Alfalfa by infrared and radiofrequency electrical treatments, Hard-seed reduction in T 788 Alfalfa by harvesting system, Man-machine performance in a baled T 757 Alfalfa patticles, Aerodynamic properties of T 758 Alfalfa setms, Tensile and shear characteristics of T 758 Alfalfa setms, Tensile and shear characteristics of T 756 Alfalfa under high altitude conditions, Evapotanspiration and microclimate of irrigated pastures and T 743 Allen, James B. How cracks and initial moisture content affect infiltration in Sharkey clay T 744 Allen, James B. Nutrient relationships and fertilizer placement as affected by tillage T 725 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure T 725 All-precast, concrete, rigid-frame building for self-propelled T 750 Allery E.R. An analytic approach to determine irrigation sprinkler spacing T 7540 Allery E.R. An analytic approach to determine irrigation sprinkler spacing T 7540 Allery E.R. An analytic approach to determine irrigation sprinkler spacing T 7540 Allery E.R. An analytic approach to determine irrigation sprinkler spacing T 7540 Allery E.R. An analytic approach to determine T 7540 Allery E.R. An analytic approach to determine rigid-frame building for self-propelled to balewagon operations subsequent to baler operations solse-furpopelled T 683 Bark and the influence of limb mass and determine T 758 Barming for self-propelled T 683 Barn in cold weather, Ventilating the T 88 Barn in cold weather, Ventilating the T 88 Barn in cold w	Adversaring dusts According to more determinate and indeterminate treated pastures and milital moisture content as affected by tillage. To allegorithm for determinate and indeterminate treated pastures and milital moisture content and eterminate treated to path on and evaporation in Flation and evaporation in relation to tillage. To allege and agribusiness, An To 258 Allege E. R. as affected by tillage. To allege and agribusiness, An To 258 Alrege E. R. as affected by tillage. To allege and agribusiness, An To 258 Alrege E. R. as a flected by tillage. To allege and agribusiness, An To 258 Alrege E. R. as a flected by infiltration and evaporation in relation to tillage-induced soil structure To allege and agribusiness, An To 258 ASAE financial statement ASAE board of directors appointments complete Asse board of directors appointments of the form o	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application
pelled balewagon operations subsequent to allowagon	pelled balewagon operations subsequent to baler to starting dusts for germinal properties of the performance in a baled marked particles, Aerodynamic properties of marked pastures and initial moisture content affect inflitration in Sharkey clay separations with blacklight traps afford farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in sharkey clay for farm and agri-business, An for farm and evaporation in relation to tillage-induced soil structure for farm and evaporation in sharkey clay for farm and agri-business, An for farm and evaporation in relation in total in the farm farm farm and farm farm farm farm farm farm farm farm	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application
Akeson, N. B. Dry materials distribution by aircraft . T 635 Alfalfa and bermudagrass, Heated-die wafer formation of	Akeson, N. B. Dry materials distribution by aircraft . T 635 Alfalfa and bermudagrass, Heated-die wafer formation of . T 578 Alfalfa by infrared and radiofrequency electrical treatments, Hard-seed reduction in. T 728 Alfalfa streatments, Hard-seed reduction in. T 728 Alfalfa stream, Tensile and shear characteristics of the stream of the fectrostatic pesticide application proced of the fact on the electrostatic pesticide application proced of the fact on the electrostatic pesticide application proced of the fact on the electrostatic pesticide application proced of the fact on the electrostatic pesticide application proced of the fact on the fact on the fact of the fact on the fact of the streams of t	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity — or active recruitment? . 530
Alfalfa and bermudagrass, Heated-die wafer formation of	Alfalfa and bermudagrass, Heated-die water formation of	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils T 307 Bakker-Arkema, F. W. Spray drying of pea beans in a cocurrent horizontal drier T 104 Environmental control during storage to prevent cracking of pea beans—an analysis T 380 Baler operations, Scheduling of self-propelled balewagon operations subsequent	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity — or active recruitment? . 530 Bowen, H. D. Environmental requirements for germina-
Alfalfa by infrared and radiofrequency electrical treatments, Hard-seed reduction in .T 728 Alfalfa-hay harvesting system, Man-machine performance in a baled	Alfalfa by infrared and radiofrequency electrical treatments, Hard-seed reduction in 728 Alfalfa-hay harvesting system, Man-ma- chine performance in a baled T 57 Alfalfa particles, Aerodynamic properties of T 829 Alfalfa stems, Tensile and shear characteris- tics of T 829 Alfalfa stems, Tensile and shear characteris- tics of T 829 Alfalfa under high altitude conditions, Evap- otranspiration and microclimate of irri- gated pastures and T 123 Algorithm for determinate and indetermi- nate truss analysis, A stiffness T 434 Allen, James B. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Allmans, R. R. Nutrient relationships and fertilizer place- ment as affected by infiltra- tion and evaporation in relation to til- lage-induced soil structure T 237 All-precast, concrete, rigid-frame building for farm and agri-business, An T 258 Alfred, E. R. An analytic approach to determine irri- gation sprinkler spacing T 540 AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS ASAE board of directors appointments complete A tipping bucket device for measuring very low flows T 540 Anaerobic lagooms: considerations in design	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils T 307 Bakker-Arkema, F. W. Spray drying of pea beans in a cocurrent horizontal drier T 104 Environmental control during storage to prevent cracking of pea beans—an analysis T 380 Baler operations, Scheduling of self-propelled balewagon operations subsequent to T 683 Balewagon operations subsequent to baler	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application
Alfalfa-hay harvesting system, Man-machine performance in a baled of the performance in the perf	Alfalfa-hay harvesting system, Man-machine performance in a baled	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of T 553 Air flow pattern around farm buildings T 257 Air resistance of perforated metal supporting grain T 837 Air temperature, Effect of shape of building on interior T 537 Aircraft, Analysis of spray droplet distributions from agricultural T 25 Aircraft, Dry materials distribution by T 635 Air-curtain nozzle developed for electrostatically charging dusts T 487 Akesson, N. B. Dry materials distribution by aircraft T 635 Alfalfa and bermudagrass, Heated-die wafer	Bailey, A. C. Yielding by compaction and shear in unsaturated soils T 307 Bakker-Arkema, F. W. Spray drying of pea beans in a cocurrent horizontal drier T 104 Environmental control during storage to prevent cracking of pea beans—an analysis Baler operations, Scheduling of self-propelled balewagon operations subsequent to T 880 Balewagon operations subsequent to baler operations, Scheduling of self-propelled T 683 Balewagon operations subsequent to baler operations, Scheduling of self-propelled . T 683 Bark and the influence of limb mass and	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity – or active recruitment? . 530 Bowen, H. D. Environmental requirements for germina- tion and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application proc-
Alfalfal particles, Aerodynamic properties of	Alfalfal particles, Acrodynamic properties of	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity – or active recruitment? . 530 Bowen, H. D. Environmental requirements for germina- tion and emergence T 175 Some effects of dust resistivity on the electrostatic pesticide application proc- ess
Alfalfa stems, Tensile and shear characteristics of Alfalfa under high altitude conditions, Evapotranspiration and microclimate of irrigated pastures and 17 123 Algorithm for determinate and indeterminate russ analysis, A stiffness 17 434 Allen, James B. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage. TC 25 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure 17 C 37 All-precast, concrete, rigid-frame building for farm and agri-business, An 17 258 Allred, E. R. An analytic approach to determine irrigation sprinkler spacing T 540	Alfalfa stems, Tensile and shear characteristics of Alfalfa under high altitude conditions, Evapotranspiration and microclimate of irrigated pastures and	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity — or active recruitment? . 530 Bowen, H. D. Environmental requirements for germina- tion and emergence T 175 Some effects of dust resistivity on the electrostatic pesticide application proc- ess
Alfalfa under high altitude conditions, Evaportanspiration and microclimate of irrigated pastures and	Alfalfa under high altitude conditions, Evaportanspiration and microclimate of irrigated pastures and 1723 Algorithm for determinate and indeterminate truss analysis, A stiffness 1434 Allen, James B. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage. TC 256 Multipate relationships and fertilizer placement as affected by tillage. TC 256 Allenge-induced soil structure 1705 Alleprecast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 17258 Allenge-cast, concrete, rigid-frame building for farm and agri-business, An 1725	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity – or active recruitment? . 530 Bowen, H. D. Environmental requirements for germina- tion and emergence T 175 Some effects of dust resistivity on the electrostatic pesticide application proc- ess
sated pastures and solutions in the stress and solutions i	Frequency analysis of weather for estimation of temperature fluctuations in animal shelters. Allen, James B. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage TC 26 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure TC 27 All-precast, concrete, rigid-frame building for farm and agri-business, An T 258 Allmaras, F. R. An analytic approach to determine irrigation sprinkler spacing T 540 AMERICAN SOCIETY OF AGRICULTURAL ENGINERS ASAE board of directors appointments complete 661 Amerman, Carroll R. A tipping bucket device for measuring very low flows 662 Amerman, Carroll R. A tipping bucket device for measuring very low flows 750 Anaerobic lagoons: considerations in design	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity — or active recruitment? . 530 Bowen, H. D. Environmental requirements for germina- tion and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application proc- ess T 175 Bowers, Wendell Guidelines for developing recruiting pro- grams 30 Role of the extension worker — tillage TC 84 Bradley, R. A. Some aspects of elastic behavior of se- lected fruits T 46
Allen, James B. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage TC 26 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure TC 37 All-precast, concrete, rigid-frame building for farm and agri-business, An T258 Allred, E. R. An analytic approach to determine irrigation sprinkler spacing T540 Allred, E. R. An analytic approach to determine irrigation sprinkler spacing T540 Allred, E. R. An analytic approach to determine irrigation sprinkler spacing T540	Allen, James B. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage TC 26 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure TC 37 All-precast, concrete, rigid-frame building for farm and agri-business, An T 258 Allren E. R. An analytic approach to determine irrigation sprinkler spacing T 540 Allren E. R. An analytic approach to determine irrigation sprinkler spacing T 540 ARERICAN SOCIETY OF AGRICULTURAL ENGINEERS ASAE financial statement 542 ASAE board of directors appointments complete 661 Amerman, Carroll R. A tipping bucket device for measuring very low flows 662 Amerman, Carroll R. A tipping bucket device for measuring very low flows 663 Anaerobic lagoons: considerations in mechanizing citrus T 343 Basile considerations in mechanizing citrus T 343 Baumhover, A. H. Basic considerations in mechanizing citrus T 343 Bearings, How to get your 458 Beasley, E. O. Light transmittance of peanut oil as an objective measurement related to quality of raw peanuts T 680 Braden, L. Fluidies: who, what, where, when, why, how much? Bedford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beer, C. E. Factors affecting water visual to transmittance of peanut oil as an objective measurement related to quality of raw peanuts T 680 Braden, C. Ivan Heat-use studies of experimental houses in Alaska T 720 Brazellon, Robert W. Sterilizing field distributions of sprinkler T 80 Brandon, C. Ivan Heat-use studies of experimental houses in Alaska T 720 Brazellon, Robert W. Sterilization in Sharkey clay	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity — or active recruitment? . 530 Bowen, H. D. Environmental requirements for germina- tion and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application proc- ess T 175 Bowers, Wendell Guidelines for developing recruiting pro- grams 30 Role of the extension worker — tillage TC 84 Bradley, R. A. Some aspects of elastic behavior of se- lected fruits T 46 Brandt, R. G. Role of the farm machinery designer —
Allen, James B. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage TC 26 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure TC 37 All-precast, concrete, rigid-frame building for farm and agri-business, An T258 Allred, E. R. An analytic approach to determine irrigation sprinkler spacing T540 Basic considerations in mechanizing citrus T343 Basic considerations in mechanizing citrus T343 Barnnon, C. Ivan Heat-use studies of experimental houses in Alaska T720 Bealsey, E. O. Light transmittance of peanut oil as an objective measurement related to qualify of raw peanuts T640 Bealsey, E. O. Light transmittance of peanut oil as an objective measurement related to qualify of raw peanuts T635 Becker, Brune H. Fluidics: who, what, where, when, why, how much? Bedford, C. L. Spray drying of pea beans in a cocurrent 662 Brandon, C. Ivan Heat-use studies of experimental houses in Alaska T720 Beat-use studies of experimental houses in Alaska T750 Beat-use studie	Allen, Sames B. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage TC 25 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure TC 37 All-precast, concrete, rigid-frame building for farm and agri-business, An T 258 Allren, E. R. An analytic approach to determine irrigation sprinkler spacing T 540 AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS ASAE financial statement 661 Amerman, Carroll R. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Spray drying of pea beans in a cocurrent horizontal drier T 104 Beeford, C. L. Beefor	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity — or active recruitment? . 530 Bowen, H. D. Environmental requirements for germina- tion and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application proc- ess T 175 Bowers, Wendell Guidelines for developing recruiting pro- grams 30 Role of the extension worker — tillage TC 84 Bradley, R. A. Some aspects of elastic behavior of se- lected fruits T 46 Brandt, R. G. Role of the farm machinery designer —
affect infiltration in Sharkey clay 589 Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage TC 26 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure TC 37 All-precast, concrete, rigid-frame building for farm and agri-business, An T258 Allred, E. R. An analytic approach to determine irrigation sprinkler spacing T540 Baumhover, A. H. Suppression of nocturnal tobacco insect populations with blacklight traps T611 Bearings, How to get your 458 Beasley, E. O. Light transmittance of peanut oil as an objective measurement related to qualify of raw peanuts T680 Becker, Braud, Harry J. Jr. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Beasley, E. O. Light transmittance of peanut oil as an objective measurement related to qualify of raw peanuts T680 Brazelton, Robert W. Sterilizing soil mixes with aerated steam 400 Dry materials distribution by aircraft T635 Bredfeld, R. T. Automatic header height control for self-propelled combines 666 Broiler houses, Heat and moisture design data for 7694 Broiler Myring of pea beans in a cocurrent	Allmaras, R. R. Nutrient relationships and fertilizer placement as affected by tillage. TC 26 Soil water storage as affected by inflitration and evaporation in relation to tillage-induced soil structure. TC 37 All-precast, concrete, rigid-frame building for farm and agri-business, An T 258 Allred, E. R. An analytic approach to determine irrigation sprinkler spacing T 540 AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS ASAE financial statement 472 ASAE board of directors appointments complete 661 Amerman, Carroll R. A tipping bucket device for measuring very low flows 662 Ameronic lagoons: considerations in design	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity – or active recruitment? 530 Bowen, H. D. Environmental requirements for germination and emergence
Nutrient relationships and fertilizer placement as affected by tillage	Nutrient relationships and fertilizer placement as affected by tillage	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils T 307 Bakker-Arkema, F. W. Spray drying of pea beans in a cocurrent horizontal drier T 104 Environmental control during storage to prevent cracking of pea beans—an analysis T 380 Baler operations, Scheduling of self-propelled balewagon operations subsequent to T 683 Balewagon operations subsequent to baler operations, Scheduling of self-propelled T 683 Bark and the influence of limb mass and diameter on bark damage, Directional strength properties of cherry, apple and peach T 788 Barmington, Raymond D. Precision planting of sugar beets 588 Barn in cold weather, Ventilating the 668 Barton, Manes Forecasting stream flow on snowmelt streams Forecasting stream flow on snowmelt streams T 816 Barwick, A. J. Frequency analysis of weather for estimation of temperature fluctuations in animal shelters T 98 Basic considerations in mechanizing citrus	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity – or active recruitment? 530 Bowen, H. D. Environmental requirements for germination and emergence
ment as affected by tillage	ment as affected by tillage Tc 26 Soil water storage as affected by infiltration and evaporation in relation to tillage-induced soil structure	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity — or active recruitment? . 530 Bowen, H. D. Environmental requirements for germination and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Bowers, Wendell Guidelines for developing recruiting programs T 758 Brasiley, R. A. Some aspects of elastic behavior of selected fruits T 46 Brandt, R. G. Role of the farm machinery designer — tillage T 82 Branscheld, V. O. Predicting field distributions of sprinkler systems T 801 Branton, C. Ivan Heat-use studies of experimental houses
son water storage as nettered by initial tion and evaporation in relation to tillage-induced soil structure TC 37 All-precast, concrete, rigid-frame building for farm and agri-business, An T 258 Allred, E, R. An analytic approach to determine irrigation sprinkler spacing T 540 Light transmittance of peanut oil as an objective measurement related to quality of raw peanuts T 680 Becker, Bruce H. Fluidics: who, what, where, when, why, how much? Bedford, C. L. Spray drying of pea beans in a cocurrent Sterilizing soil mixes with aerated steam. 400 Bredfeldt, R. T. Automatic header height control for self-propelled combines 666 Broiler houses, Heat and moisture design data for T 694 Broilers, Utility requirements for process-	tion and evaporation in relation to till lage-induced soil structure TC 37 All-precast, concrete, rigid-frame building for farm and agri-business, An T 258 Allred, E. R. An analytic approach to determine irrigation sprinkler spacing T 540 AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS ASAE board of directors appointments complete 661 Amerman, Carroll R. A tipping bucket device for measuring very low flows 750 Anaerobic lagoons: considerations in design	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model mold- board plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low- volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high tem- perature T 526 Borden, J. W. An opportunity — or active recruitment? . 530 Bowen, H. D. Environmental requirements for germina- tion and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application proc- ess T 175 Bowers, Wendell Guidelines for developing recruiting pro- grams
lage-induced soil structure	ity of raw peanuts — T 680 All-precast, concrete, rigid-frame building for farm and agri-business, An T 258 Allred, E. R. An analytic approach to determine irrigation sprinkler spacing T 540 AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS ASAE board of directors appointments complete 661 Amerman, Carroll R. A tipping bucket device for measuring very low flows 750 Anaerobic lagoons: considerations in design	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils. T 307 Bakker-Arkema, F. W. Spray drying of pea beans in a cocurrent horizontal drier. T 104 Environmental control during storage to prevent cracking of pea beans—an analysis. T 380 Baler operations, Scheduling of self-propelled balewagon operations subsequent to. T 683 Balewagon operations subsequent to baler operations, Scheduling of self-propelled. T 683 Bark and the influence of limb mass and diameter on bark damage, Directional strength properties of cherry, apple and peach. T 788 Barmington, Raymond D. Precision planting of sugar beets. 588 Barn in cold weather, Ventilating the 668 Barton, Manes Forecasting stream flow on snowmelt streams. T 816 Barwick, A. J. Frequency analysis of weather for estimation of temperature fluctuations in animal shelters. T 98 Basic considerations in mechanizing citrus harvest. A. H. Suppression of nocturnal tobacco insect populations with blacklight traps. T 611 Bearings, How to get your 458	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils
for farm and agri-business, An	Allred, E. R. An analytic approach to determine irrigation sprinkler spacing	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils. T 307 Bakker-Arkema, F. W. Spray drying of pea beans in a cocurrent horizontal drier. T 104 Environmental control during storage to prevent cracking of pea beans—an analysis. T 380 Baler operations, Scheduling of self-propelled balewagon operations subsequent to. T 683 Balewagon operations subsequent to baler operations, Scheduling of self-propelled. T 683 Bark and the influence of limb mass and diameter on bark damage, Directional strength properties of cherry, apple and peach. T 788 Barmington, Raymond D. Precision planting of sugar beets. \$88 Barn in cold weather, Ventilating the 668 Barton, Manes Forecasting stream flow on snowmelt streams. T 816 Barwick, A. J. Frequency analysis of weather for estimation of temperature fluctuations in animal shelters. T 98 Basic considerations in mechanizing citrus harvest. T 343 Baumhover, A. H. Suppression of nocturnal tobacco insect populations with blacklight traps. T 611 Bearings, How to get your 458 Beasley, E. O. Light transmittance of peanut oil as an	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity — or active recruitment? 530 Bowen, H. D. Environmental requirements for germination and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Bowers, Wendell Guidelines for developing recruiting programs To describe the stallage TC 84 Bradley, R. A. Some aspects of elastic behavior of selected fruits T 46 Brandt, R. G. Role of the farm machinery designer — tillage TC 82 Branscheld, V. O. Predicting field distributions of sprinkler systems T 801 Branton, C. Ivan Heat-use studies of experimental houses in Alaska T 720 Brauch Harry J. Jr. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Brazelton, Robert W. Sterillzing soil mixes with aerated steam 400
An analytic approach to determine irri- gation sprinkler spacing	An analytic approach to determine irrigation sprinkler spacing T 540 AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS ASAE financial statement 472 ASAE board of directors appointments complete 661 Amerman, Carroll R. A tipping bucket device for measuring very low flows 750 Anaerobic lagoons: considerations in design	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils. T 307 Bakker-Arkema, F. W. Spray drying of pea beans in a cocurrent horizontal drier. T 104 Environmental control during storage to prevent cracking of pea beans—an analysis. T 380 Baler operations, Scheduling of self-propelled balewagon operations subsequent to to the self-propelled balewagon operations subsequent to to the self-propelled operations, Scheduling of self-propelled. T 683 Bark and the influence of limb mass and diameter on bark damage, Directional strength properties of cherry, apple and peach T 788 Barmington, Raymond D. Precision planting of sugar beets 588 Barn in cold weather, Ventilating the 688 Barton, Manes Forecasting stream flow on snowmelt streams T 816 Barwick, A. J. Frequency analysis of weather for estimation of temperature fluctuations in animal shelters T 343 Baumhover, A. H. Suppression of nocturnal tobacco insect populations with blacklight traps T 611 Bearings, How to get your 458 Beasley, E. O. Light transmittance of peanut oil as an objective measurement related to quality of raw peanuts T 680	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity — or active recruitment? 530 Bowen, H. D. Environmental requirements for germination and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Bowers, Wendell Guidelines for developing recruiting programs To some aspects of elastic behavior of selected fruits T 46 Bradley, R. A. Some aspects of elastic behavior of selected fruits T 46 Brandt, R. G. Role of the farm machinery designer—tillage TC 82 Branscheld, V. O. Predicting field distributions of sprinkler systems T 801 Branton, C. Ivan Heat-use studies of experimental houses in Alaska T 720 Braud, Harry J. Jr. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Brazelton, Robert W. Sterilizing soil mixes with aerated steam 400 Dry materials distribution by aircraft T 635 Bredfeldt, R. T.
gation sprinkler spacing	AMERICAN SOCIETY OF AGRICULTURAL ENGINEERS ASAE financial statement ASAE board of directors appointments complete Amerman, Carroll R. A tipping bucket device for measuring very low flows Anaerobic lagoons: considerations in design Anaerobic lagoons: considerations in design Assae board of directors appointments (arroll R. A tipping bucket device for measuring very low flows Anaerobic lagoons: considerations in design	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils. T 307 Bakker-Arkema, F. W. Spray drying of pea beans in a cocurrent horizontal drier. T 104 Environmental control during storage to prevent cracking of pea beans—an analysis. T 380 Baler operations, Scheduling of self-propelled balewagon operations subsequent to. T 380 Balewagon operations subsequent to baler operations, Scheduling of self-propelled. T 683 Bark and the influence of limb mass and diameter on bark damage, Directional strength properties of cherry, apple and peach. T 788 Barmington, Raymond D. Precision planting of sugar beets. 588 Barn in cold weather, Ventilating the 668 Barton, Manes Forecasting stream flow on snowmelt streams. T 816 Barwick, A. J. Frequency analysis of weather for estimation of temperature fluctuations in animal shelters. T 98 Basic considerations in mechanizing citrus harvest. A. H. Suppression of nocturnal tobacco insect populations with blacklight traps. T 611 Bearings, How to get your 458 Beasley, E. O. Light transmittance of peanut oil as an objective measurement related to quality of raw peanuts. T 680 Becker, Bruce H. Fluidies: who, what, where, when, why,	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W., An opportunity — or active recruitment? 530 Bowen, H. D. Environmental requirements for germination and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Bowers, Wendell Guidelines for developing recruiting programs To 175 Bowers, Wendell Guidelines for developing recruiting programs T 175 Bowers, Wendell Guidelines for developing recruiting programs T 175 Bowers, Wendell Guidelines for developing recruiting programs T 175 Bowers, Wendell Guidelines for developing recruiting programs T 175 Bradley, R. A. Some aspects of elastic behavior of selected fruits Brandt, R. G. Role of the farm machinery designer—tillage T 46 Brandt, R. G. Role of the farm machinery designer—tillage T 801 Brandt, R. G. Branscheld, V. O. Predicting field distributions of sprinkler systems T 801 Brandton, C. Ivan Heat-use studies of experimental houses in Alaska T 720 Braud, Harry J. Jr. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Brazelton, Robert W. Sterilizing soil mixes with aerated steam 400 Dry materials distribution by aircraft T 635 Bredfeldt, R. T. Automatic header height control for self-
AMERICAN SOCIETY OF HOLZORGY UNION THE TOTAL TOT	AGRICULTURAL ENGINEERS ASAE financial statement	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils. T 307 Bakker-Arkema, F. W. Spray drying of pea beans in a cocurrent horizontal drier. T 104 Environmental control during storage to prevent cracking of pea beans—an analysis. T 380 Baler operations, Scheduling of self-propelled balewagon operations subsequent to. T 380 Balewagon operations subsequent to baler operations, Scheduling of self-propelled. T 683 Bark and the influence of limb mass and diameter on bark damage, Directional strength properties of cherry, apple and peach. T 788 Barmington, Raymond D. Precision planting of sugar beets. 588 Barn in cold weather, Ventilating the 668 Barton, Manes Forecasting stream flow on snowmelt streams. T 816 Barwick, A. J. Frequency analysis of weather for estimation of temperature fluctuations in animal shelters. T 98 Basic considerations in mechanizing citrus harvest. T 343 Baumhover, A. H. Suppression of nocturnal tobacco insect populations with blacklight traps. T 611 Bearings, How to get your 458 Beasley, E. O. Light transmittance of peanut oil as an objective measurement related to quality of raw peanuts. T 680 Becker, Bruce H. Fluidics: who, what, where, when, why, how much? 662	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils
AGRICULTURAL ENGINEERS Beer, C. E. Brooks, L. A.	complete	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity — or active recruitment? 530 Bowen, H. D. Environmental requirements for germination and emergence T C 10 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Bowers, Wendell Guidelines for developing recruiting programs T 175 Bowers, Wendell Guidelines for developing recruiting programs T 175 Bowers, Wendell Guidelines for developing recruiting programs T 175 Bradley, R. A. Some aspects of elastic behavior of selected fruits T 46 Bradley, R. G. Role of the farm machinery designer—tillage T 720 Brand, R. G. Predicting field distributions of sprinkler systems T 801 Branton, C. Ivan Heat-use studies of experimental houses in Alaska T 720 Braud, Harry J. Jr. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Brazelton, Robert W. Sterilizing soil mixes with aerated steam 400 Dry materials distribution by aircraft T 635 Bredfeld, R. T. Automatic header height control for self-propelled combines 666 Broiler houses, Heat and moisture design data for
ASAE board of directors appointments watersheds in Iowa	Amerman, Carroll R. A tipping bucket device for measuring very low flows	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity — or active recruitment? . 530 Bowen, H. D. Environmental requirements for germination and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Bowers, Wendell Guidelines for developing recruiting programs 30 Role of the extension worker — tillage TC 84 Bradley, R. A. Some aspects of elastic behavior of selected fruits T 46 Brandt, R. G. Role of the farm machinery designer — tillage TC 82 Branscheld, V. O. Predicting field distributions of sprinkler systems T 720 Brancheld, V. O. Predicting field distributions of sprinkler systems T 720 Brandh, Rary J. Jr. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Brazelton, Robert W. Sterilizing soil mixes with aerated steam 400 Dry materials distribution by aircraft T 635 Bredfeldt, R. T. Automatic header height control for self-propelled combines 666 Broiler houses, Heat and moisture design data for T 694 Brollers, Utility requirements for processing T 136 Brooks, L. A.
Amerman, Carroll R. ing, The	very low flows	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity — or active recruitment? . 530 Bowen, H. D. Environmental requirements for germination and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Bowers, Wendell Guidelines for developing recruiting programs T 775 Bowers, Wendell Guidelines for developing recruiting programs T 768 Bradley, R. A. Some aspects of elastic behavior of selected fruits T 46 Brandt, R. G. Role of the extension worker — tillage TC 82 Branscheld, V. O. Predicting field distributions of sprinkler systems T 801 Branton, C. Ivan Heat-use studies of experimental houses in Alaska T 720 Brauch Aharry J. Jr. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Brazelton, Robert W. Sterilizing soil mixes with aerated steam 400 Dry materials distribution by aircraft T 635 Bredfeldf, R. T. Automatic header height control for self-propelled combines 666 Broiler houses, Heat and moisture design data for
very low flows	Anaerodic lagoons: considerations in design Benson, Ezra Taft Interpretation of diurnal variation in soil	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity — or active recruitment? 530 Bowen, H. D. Environmental requirements for germination and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Bowers, Wendell Guidelines for developing recruiting programs T 175 Bowers, Wendell Guidelines for developing recruiting programs T 80 Role of the extension worker — tillage TC 84 Bradley, R. A. Some aspects of elastic behavior of selected fruits T 46 Brandt, R. G. Role of the farm machinery designer — tillage TC 82 Branscheld, V. O. Predicting field distributions of sprinkler systems T 801 Branton, C. Ivan Heat-use studies of experimental houses in Alaska T 720 Brauch Harry J. Jr. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Brazelton, Robert W. Sterilizing soil mixes with aerated steam 400 Dry materials distribution by aircraft T 635 Bredfeld, R. T. Bredfeld, R. T. Bredfeld, R. T. Loudmatic header height control for self- propelled combines 666 Broiler houses, Heat and moisture design data for
Additional consideration of diagnal variation in soil	and application	Air exchange in windowless poultry houses, Psychrometrics of summer ventilation . T 78 Air flow over a hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of . T 553 Air flow pattern around farm buildings . T 287 Air resistance of perforated metal supporting grain	Bailey, A. C. Yielding by compaction and shear in unsaturated soils	Prototype studies of tillage implements. T 661 Predicting draft forces using model moldboard plows in agricultural soils T 665 Bode, L. E. Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application T 754 Bond, T. E. Activity of beef cattle with stalls T 374 Effect of humidity on swine at high temperature T 526 Borden, J. W. An opportunity — or active recruitment? 530 Bowen, H. D. Environmental requirements for germination and emergence TC 10 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Bowers, Wendell Guidelines for developing recruiting programs To 10 Some aspects of elastic behavior of selected fruits T 46 Bradley, R. A. Some aspects of elastic behavior of selected fruits T 46 Brandon, R. G. Role of the farm machinery designer — tillage TC 82 Branscheld, V. O. Predicting field distributions of sprinkler systems T 801 Branton, C. Ivan Heat-use studies of experimental houses in Alaska T 720 Braud Harry J. Jr. How cracks and initial moisture content affect infiltration in Sharkey clay 589 Brazelton, Robert W. Sterilizing soil mixes with aerated steam 400 Dry materials distribution by aircraft T 635 Bredfeldt, R. T. Automatic header height control for self-propelled combines 666 Broiler houses, Heat and moisture design data for

Browning, George M.	Carter, R. L.	Cleaning up our rivers and lakes 590
What do tax dollars buy in agricultural research?	Soil, water and nutrient losses from Tif- ton loamy sand	Clevenger, J. T. Jr. The behavior of apple skin under tensile
Brutsaert, W. F. G.	Casada, J. H.	loadingT 34
Laboratory verification of boundary con- dition assumptions for solutions of the	Potential of heat transfer in soil covered with plastic mulches	Coatings to resist acid and aggressive chemical attack on concrete
De Saint-Venant equations	Cattle with stalls, Activity of beefT 374	Coble, C. G.
Buchele, Wesley F.	Cement, Engineering design data for cor-	Environmental requirements for germina-
In flame weeding: what's new? 234 Mechanization of soil erosion control	rugated asbestos	tion and emergenceTC 10 Coffee, Systems for mechanically harvest-
principles – tillageTC 76	Selecting optimum-sized tractors for de-	ing
Can strawberries be harvested mechani-	velopmental agricultural mechaniza-	Cohron, G. T.
cally?	tionT 508 Relation of moisture content to tensile-	Inception and evolution of earthmoving soil mechanicsT 230
A similitude of an unpowered pneumatic	failure strength of glass bead systems .T 616	Combines, Automatic header height control
tireT 673	A simple grain drier using conducted	for self-propelled
Buelow, F. H. Viscoelastic analysis of the behavior and	heat	Combines in the lab, Performance testing of
properties of cherry bark and wood	and then comparison with those of	Combines, Separate cylinder to handle tail-
under static and dynamic loading T 323	other drying methods	ings from
Building construction on comfort and breed- ing efficiency of dairy bulls, Some effects	Changes in seed environment due to til- lageTC 5	Comminution equation relating energy to
ofT 250	Channels, Target meters for velocity and	surface area by the log probability meth-
Building construction, Performance of light-	discharge measurements in openT 854	od, AT 331 Compaction and shear in unsaturated soils,
gage, cold-rolled steel frames for light T 279 Building failures from wind and snow loads. 290	Chappell, T. W. Poisson's ratio and Young's modulus for	Yielding byT 307
Building for farm and agri-business. An	apple flesh under compressive loading .T 608	Yielding by
all-precast, concrete, rigid-frame T 258 Building on interior air temperature, Effect	Characteristics of conducted-heat drying and their comparison with those of other	tion resistance, Influence of
of shape of	drying methods 1 863	ods 23
of shape of	Characterization of soil aeration during	Compression plunger, skinning and friction
Buildings, Studies of hre spread between I 587	sprinkler irrigation	properties of sweet potatoes
Bulk curing cigar tobacco	Suggested resolutions for members -	data by
Use of time-lapse photography in tobac-	ninety-eight percent committed by time	Computer simulation of electrokinetic move-
co-curing research	of graduation! — Alert members help building fund	ment of colloids in a flowing medium, AnalogT 887
the cure T 480	Continuing education - JETS journal to	Computer simulation of unidirectional mois-
Specific heat of burley tobacco during the cure	feature ae	ture diffusion in hay wafers, Analog T 153
tion heat of burley tobacco during cure. T 724	Problems at EJC – Agricultural engineers in the armed forces 158	Computerized weather information for farmers
Weight as an indicator of progress in	It's time to build!	farmers
curing burley tobacco	Under way (building campaign)! - Good	digital 394
Force-deformation ratio as an index of	start (building campaign) – AE enroll- ment, fall 1967	Concrete, Coatings to resist acid and ag-
papaya maturation	Campaign week: June 3 - Building fund	gressive chemical attack on
Evaporatranspiration and microclimate of	campaign report - USDA & DI: more	agri-business. An all-precast T 258
irrigated pastures and alfalfa under	engineers needed - Forthcoming meet-	Condensation and resultant humidity in greenhouses during cold weather T 263
high altitude conditions	ings	Conditioned-air storage systems, Effect of
Deep tillage and soil-plant-water rela-	The April JETS journal - And in	respiration heat of sorghum grain on de-
tionships	Hawaii (resolution) - New retirement	sign of
Building failures from wind and snow	membership options	tural analysis of floor grids forT 50
loads 290	campaigners - Any awards nomina-	Conservation bench terraces in eastern
Butter, Methods of determining rheological	Your new organizational structure 534	Conservation bench terraces in Kansas T 389
Byg, D. M.	New building progress report – White	Conservation bench terraces in Montana T 393
Corn losses and kernel damage in field	New building progress report – White House fellows – The "average" con-	Conservation bench terraces in North Da-
shelling of corn	ventioner	kota
Implementing agricultural engineering ex- tension in Asia	New building progress – first ASAE exec- utive committee meeting – Tribute to	Conservation on the hydrology of loessal
Machine losses in harvesting ear and	pioneers Kable and Sutton 696	watersheds, Effects ofT 848
shelled corn 607	If the shoe fits (involve retired and new members) - New building progress -	Continuous and intermittent drying of pea- its under vacuum
	Seventy cents will buy a dollar's worth	C nuous monitoring of soil moisture
C	- Graduate student induction postpone-	Control of high humidity in greenhouses
Calorimeter for measuring the respiration	ment	during warm weatherT 267
heat of burley tobacco during cure T 724	tion of Romano T 881	Controlled-atmosphere generator for apple
Calvert, D. V.	Chemical attack on concrete, Coatings to	storageT 120
Hydraulic conductivity of soils and filter materials in Florida wetland citrus T 566	resist acid and aggressive 521 Chemical changes in tile-drain filters and	Controller for an automatic prune dehydra- tor, A
Camp, C. R. Jr.	ditch banks caused by anaerobiosis T 41	Conway, Erret M.
Effect of mechanical impedance on cotton	Chen, L. H.	Forest machine systems 670
root growthT 188 Campbell, L. E.	Growth dynamics of small tobacco plants as affected by night temperature and	Cookson, K. M. Use of holdout hydrographs for project
An environmental control system for	initial plant sizeT 126	formulation and river basin investiga-
poultry research facilities	Cherms, F. L. Jr.	tion T 762
Can industry control logging systems development?	Effect of dust and ammonia air contami- nation on turkey response 515	Cooling of greenhouses with various water evaporation systems
Can lime and chlorine suppress odors in		Cooper, A. W.
liquid hog manure?	namic loading, Viscoelastic analysis of the behavior and properties ofT 323	Similitude in performance studies of soil-
cally? 456	Chesness, J. L.	chisel systems 1 658
Canal linings, Figuring the dollar cost of . 17	Heat and mass transfer study of freeze	Cooper, Geoffrey F. Performance testing of combines in the
CAREER GUIDANCE Guidelines for developing recruiting pro-	protection of a leaf model and sub- jected to water sprinkling	lab 397
grams	Chu. Shu Tung	Coppock, G. E.
Strategy for securing students 87	An analytic approach to determine irrigation sprinkler spacing	Design and development of a tree-shaker harvest system for citrus fruitT 339
Recruiting students at section meetings . 152 ECPD assumes guidance leadership 233	Numerical solution of diffusion equations. T 705	Corley, Tom E.
ECPD assumes guidance leadership 233 Career guidance opportunities in JETS . 297	General characteristics of variable diffu-	Relation of conservation practices to new
An opportunity – or active recruitment? 530	sivity process and the dynamic equi-	farming systems – tillageTC 87 Corn conditioning, Application of dehydro-
Industry's role in career guidance 610 Florida agriculture's march for engineers 676	Citrus as criteria for tree-shaker design	frigidation to shelledT 312
Scouting and the agricultural engineer 749	Limb properties ofT 129	Corn conditioning, Dehydrofrigidation: for
Career guidance opportunities in JETS 297	librium moisture content T 709 Citrus as criteria for tree-shaker design, Limb properties of T 129 Citrus harvest, Basic considerations in mech-	Shelled
Carleton, Walter M. How the USDA selects research projects 468	anizing	simulation ofT 582
Carlson, Carl W.	filter materials in Florida wetland T 566	Corn losses and kernel damage in field shell-
Cleaning up our rivers and lakes 590	Citrus pulp, Vertical bottom pressure of	ing of corn
Carreker, J. R. Irrigating vegetables with brackish water. T 171	confined stacks of dried	shelled 607
Soil, water and nutrient losses from	Continuous and intermittent drying of	Corn planter, Finger pick-up unit replaces
Tifton loamy sandT 677	peanuts under vacuumT 783	plate in
Carroll, Barby R. Runoff and erosion characteristics of the	Clark, S. J. Soil bins, artificial soils and scale-model	state T 240
brown loam soils 296	testing	Corn-production machinery systems, Weather and economics determine T 61
Carter, Cade E.	Clary, B. L.	Weather and economics determine 1 61 Corrugated plastic drains plowed-in auto-
Runoff and erosion characteristics of the brown loam soils	Heat transfer from hams during freezing by low-temperature air	maticallyT 804
Carter, Lyle M.	Claypool, L. L.	Cotter, D. J.
Influence of precision tillage and soil	Adapting shake-catch method of harvest- ing to cling peaches	Cooling of greenhouses with various war- ter evaporation systems

*		
Condensation and resultant humidity in	Determining the mass movement of iner-	EDITORIALS
greenhouses during cold weather T 263 Control of high humidity in greenhouses	tia of a tractor using floor suspension .T 416 Detroy, B. F.	Engineering in agriculture
during warm weather T 267	New developments in handling honey T 226	What management expects of the engineer 131 Safety – its demands and rewards 197
Cotton cambium temperatures and cell dam- age resulting from flame cultivation T 776	Developing a high-capacity stalk cutter 132 Development of a multiple-pick cucumber	Listening is good business
Cotton from the holl Factors affecting re-	harvester	With many challenging hurdles 393
moval of	Devices for small-plot experiments in grass-	The proper role of government 453 Legal liability of the agricultural engineer 517
impedance onT 188	land renovation research	On-farm accidents 581
Analysis of spray droplet distributions	Environmental control during storage to	Agricultural wastes management in the future
from agricultural aircraft	prevent cracking of pea beans - an analysis	Education in agriculture - Report IV, sec-
Conservation bench terraces in Kansas .T 387 Cramer, Richard D.	Dhanak, A. M. Heat and mass transfer study of freeze	ondary education, Agricultural engineer- ing phases of teacher
Effect of shape of building on interior air	protection of a leaf model subjected	Edwards, C. M. A housing-quality measuring scale T 711
temperature	to water sprinkling T 28 Dickens, J. W.	Edwards, D. M.
Crow, F. R.	Light transmittance of peanut oil as an objective measurement related to qual-	Electrokinetic studies of porous media systems
Precise discharge measurements for hy- drologic research	ity of raw peanutsT 680	Effect of dust and ammonia air contami-
Wind-tunnel investigation of air flow over a hexadecanol monolayer spread on a	Diener, R. G. Viscoelastic analysis of the behavior and	nation on turkey response
water surfaceT 553	properties of cherry bark and wood	vapor removal rate from swine finishing
Cruikshank, M. W. Scheduling of self-propelled balewagon	under static and dynamic loading T 323 Methods of determining rheological prop-	Effect of humidity on swine at high tem-
operations subsequent to baler opera-	erties of butter	perature
tions	apple and peach bark and the influence	root growthT 188
multiple-pick	of limb mass and diameter on bark damage	Effect of moisture content and specific weight on internal-friction properties of
soil when mixed with disk harrow and	Diffusion equations, Numerical solution of .T 705	sorghum grain
power rotary	Diffusivity process and the dynamic equi- librium moisture content, General char-	on design of conditioned-air storage
Value to society of soil and water con-	acteristics of variable	systems
servation practicesTC 71 Curry, N. H.	pneumatic tires on sand	teristics of an artificial soil T 6
Psychrometry in agricultural engineering. T 180	Direct measurement of muscle-work output with biopotentialsT 500	Effect of shape of building on interior air temperature
Curry, R. B. Analog computer simulation of electro-	Directional strength properties of cherry,	Effect of tillage on plant growth as in-
kinetic movement of colloids in a flow- ing medium	apple and peach bark and the influence of limb mass and diameter on bark dam-	fluenced by soil organismsTC 19 Effect of tillage on soil properties and water
Curtin, Paul J.	ageT 788 Disk harrow and power rotary cultivator,	Effects of certain design changes on the
Outdoor lighting on the farm 294 Cyclo house, The	Distribution of trifluralin in the soil when	efficiency of a forage blower, The T 403
	mixed with	Effects of conservation on the hydrology of loessal watersheds
D	mixed with disk harrow and power rotary	Effects of grade on sedimentation and ero- sion in west Tennessee open ditchesT 626
Dairy bulls, Some effects of building con-	Ditch banks caused by anaerobiosis, Chem-	Effects of tillage-induced soil environmental
struction on comfort and breeding effi-	ical changes in tile-drain filters andT 41 Ditches, Effects of grade on sedimentation	changes on root growthTC 15 Effects of tillage on soil aerationTC 44
ciency of	and erosion in west Tennessee openT 626	Effects of tree structure on damage to ap-
Effect of floor type on required moisture- vapor removal rate from swine finish-	Do narrow rows increase forage yields? 582 Does the milking machine cause bovine	ples during mechanical harvesting T 360 Ehlers, P. L.
ing houses	mastitis? 522	Crop responses to rainfall multipliers T 484
Analysis of structural frames with semi- rigid ground connections	Dongre, S. P. Transporting wheat grain along the com-	Electric service to serve irrigation wells, Underground
Shear stress in adhesive joints subject to bending	bine shoe 408 Doty, Coy W.	Electrical safety, How standards increase . 335
Daniels, J. M.	Runoff and erosion characteristics of the	Electrified farming – its futureT 254 Electrokinetic studies of porous media sys-
Irrigating vegetables with brackish water. T 171 Daum, D. R.	brown loam soils	tems
A stepless variable-speed reducerT 132	Vacuum storage of high-moisture-content	Electrostatic charging of agricultural sprays. T 491
Davis, H. R. Environmental control of ducklings T 736	Downs, R. J.	Elfes, L. E. Reliability testing — tillageTC 53
A ventilating system for high-density housing of poultryT 871	Why the phytotron?	Emerson, R. E.
Day, C. L.	in agricultural soils, Predicting T 665	Heat and moisture design data for broiler houses
Distribution of trifluralin in the soil when mixed with disk harrow and power ro-	Drains and their effect on the water table in a wet soil, Yield of tile and surface T 86	houses
tary cultivator	Drains in glacial till soils, Performance of shallow subsurface	Engineering design data for corrugated asbestos-cement
obtained from nozzles used for low-vol-	Drains plowed-in automatically, Corrugated	Engineering implications of freeze-drying research on meats
ume application	Drier, Spray drying of pea beans in a co-	Engineering in agriculture 73
Can lime and chlorine suppress odors in	current horizontalT104	Engineer's responsibility in riding mower design, The
liquid hog manure?	Dry materials distribution by aircraft T 635 Drying and their comparison with those of	Environmental control during storage to
Dean, W. F. Environmental control of ducklings T 736	other drying methods, Characteristics of conducted-heat	prevent cracking of pea beans – an analysis
Deaton, J. W.	Drying of ionar materials, Physical and bio-	Environmental control of ducklings T 736 Environmental control system for poultry
Recording dual data points with single- pen recorders	logical relations in the rapid	research facilities, An T 376
Dedrick, Allen R.	Drying time at counterflow steady state.	Environmental requirements for seed germ- ination and emergence — tillageTC 10
Analyzing erosion and runoff data by computer	Corn	Erickson, A. E.
Deep tillage and soil-plant-water relation- ships	Duncan, G. A. Use of time-lapse photography in tobacco-	Characterization of soil aeration during sprinkler irrigation
Dehydration of Romano cheese, Freeze-dry-	curing researchT 409	Erie, L. J.
ing for partial	Specific heat of burley tobacco during the cure	Water management of fall-planted sugar beets in Salt River Valley of Arizona .T 792
ditioning 202	Dust and ammonia air contamination on turkey response, Effect of	Erosion and runoff data by computer.
Dehydrofrigidation to shelled-corn condi- tioning, Application of	Dust resistivity on the electrostatic pesti-	Erosion characteristics of the brown loam
Denisen, E. L. Can strawberries be harvested mechani-	cide application process	soils, Runoff and
cally? 456	electrostatically charging	progress
DeSaint-Venant equations, Laboratory ver- ification of boundary condition assump-		tion for water
tions for solutions of the T 642	E	Erosion in the Missouri Valley loessial region, Sheet and gully
DeShazer, J. A. Frequency analysis of weather for esti-	Earp, U. F.	Erosion in west Tennessee open ditches,
mation of temperature fluctuations in animal shelters T 98	Response of face flies and house flies to sonic energy	Effects of grade on sedimentation and T 626 Esmay, M. L.
Design and development of a tree-shaker	Earthmoving soil mechanics, Inception and	Psychrometrics of summer-ventilation air
harvest system for citrus fruit	Economics determine corn-production ma-	exchange in windowless poultry houses. T 78 Evaluating the feasibility of mechanizing
psychrometers for measuring water po-	chinery systems, Weather and	crop harvest
tential	ECPD to implement goals report 478	houses with various waterT 116
Acoustically forced vibration of green-	Edison, A. R. Pulse modulating a high-power rf oscil-	Evapotranspiration and microclimate of ir- rigated pastures and alfalfa under high
house tomato blossoms to induce pol- linationT 731	latorT 185	altitude conditionsT 123

Evapotranspiration in southern Alberta, Ob-	Foster, G. H.	Given, P. S.
served and estimatedT 502	Mathematical simulation of corn drying — a new model	How to get your bearings 458 Givens, R. L.
Exploratory analysis of crawler-tractor skidding in Montana	Fouss, James L. Corrugated plastic drains plowed-in auto-	Activity of beef cattle with stalls T 374 Glass bead systems, Relation of moisture
Exposed-layer drying rates of grain T 236	matically	content to tensile-failure strength of T 616
-	To meet the demands of today's human	Glymph, Louis M. Cleaning up our rivers and lakes 590 Goering, C. E.
F	environment	Determining the mass movement of iner-
Factors affecting removal of cotton from the boll	Thermal properties of the McIntosh apple	tia of a tractor using floor suspension .T 416 Government, The proper role of 453
the boll	Freeze protection of a leaf model subjected to water sprinkling	Grable, Albert R. Effects of tillage on soil aerationTC 44
Factors affecting water yield from small wa-	Freeze-drying for partial dehydration of	Grain comminution: hammer mill and burr
tersheds in IowaT 701 Farm equipment design, Using digital com-	Freeze-drying research on meats, Engineer-	mill performance analyzed, Farm T 399 Grain drier using conducted heat, A simple T 857
Farm equipment: the manufacturer's con-	Freeze-drying research on meats, Engineering implications of	Grain, Effect of moisture content and speci-
cern, Safety in	Freitag, D. R.	fic weight on internal-friction properties of sorghum
Farm grain comminution: hammer mill and burr mill performance analyzedT 399	Dimensional analysis of performance of pneumatic tires on sand	Grain, Exposed-layer drying rates of T 236 Grain on design of conditioned-air storage
Farmer, E. L. Some effects of building construction on	Penetration tests for soil measurements .T 750 French, O. F.	systems, Effect of respiration heat of
comfort and breeding efficiency of dairy	Water management of fall-planted sugar beets in Salt River Valley of Arizona .T 792	Grains, To determine the density spectrum of individual 28
bulls	Frequency analysis of weather for estima-	Grape. Mechanically harvesting the Thomp-
state, Accidents to	tion of temperature fluctuations in ani- mal shelters	son seedless
conservation practice – tillageTC 85 Farming – its future, ElectrifiedT 254	What do tax dollars buy in agricultural	Greenhouses during cold weather, Conden-
Fedderson, Ronald Analog model study of a sand-and-gravel	research? 230 Fridley, R. B.	sation and resultant humidity inT 263 Greenhouses during warm weather, Control
aquifer	Some aspects of elastic behavior of se- lected fruits	of high humidity inT 267
renzi, R. N.	Adapting shake-catch method of harvest-	Greenhouses with various water evapora- tion systems, Cooling of
Factors affecting scour-hole development upstream of a rectangular weir T 572	ing to cling peaches	Groundwater exploration, Seismic refraction and electrical resistivity; tools inT 890
Laboratory verification of boundary con- dition assumptions for solutions of the	riesen, J. A.	Growth dynamics of small tobacco plants as affected by night temperature and in-
De Saint-Venant equations	Performance of light-gage, cold-rolled steel frames for light building construc-	itial plant sizeT 126 Guidelines for developing recruiting pro-
Fertilizer: equipment and application costs, Slurry	steel frames for light building construc- tion	grams 30
Field wafering: an evaluation 526	the boil	
Filtration systems for cab ventilation 589	Weather and economics determine corn-	H
Figuring the dollar cost of canal linings 17 Filter materials in Florida wetland citrus,	production machinery systemsT 61 Fruit, Design and development of a tree-	Haan, C. T. Hydraulic model of runoff from depres-
Hydraulic conductivity of soils andT 566 Filtration systems for cab ventilation 589	shaker harvest system for citrus T 339 Fruit harvesting, Optimum shaking action	sional areas Part I. general considerations T 364
Finger pick-up unit replaces plate in corn planter	for citrus	Part II. development of the model T 368
Finney, E. E. Jr. Instrumentation for investigating dyna-	Fruits and vegetables, Instrumentation for investigating dynamic mechanical prop-	Conservation bench terraces in North Dakota
mic mechanical properties of fruits and	erties of	Haile, D. G.
vegetables	vesting	Effect of respiration heat of sorghum grain on design of conditioned-air stor-
Fischer, R. C. Tillage problems in soil and water con-	selected	age systems
servation	selected	Strategy for securing students 87 Method of finite differences used to relate
atures and cell damage resulting from T 776 Flies and house flies to sonic energy, Re-	Fuel consumption data, Statistical analysis of Nebraska pto varying power and T 43	changes in thermal and physical prop- erties of potatoes
Flies and house flies to sonic energy, Response of face	Fuel economy of tractors from the maximum power fuel economy, Predicting	Heated-die wafer formation of alfalfa and bermudagrass
ogy, Upstream	varying power	Hall, G. E. Corn losses and kernel damage in field
orological condition leading to the project	Slurry fertilizer: equipment and applica- tion costs	shelling of cornT 164
design and probable maximumT 821 Flood-peak determination on small water-		Heated-die wafer formation of alfalfa and bermudagrass
sheds, Rapid	G	Hall, Marvin D. Solar-heated ventilation air for swine
systems, Structural analysis ofT 50 Florida agriculture's march for engineers . 676	Gaffney, J. J.	buildings 79 Halyk, R. M.
Florida agriculture's march for engineers . 676 Flow in parshall flumes, SubmergedT 142 Fluck, R. C.	Apparent thermal conductivity during freeze-drying of a food model T 874	Tensile and shear strength characteris- tics of alfalfa stems
Compression plunger, skinning and fric- tion properties of sweet potatoesT 167	Gardner, R. B. Exploratory analysis of crawler-tractor	Hamann, D. D. The behavior of apple skin under tensile
Fluid power industry, Standardization in the 667	skidding in Montana	loading
Fluidics: who, what, where, when, why, how	Hand and mechanized lettuce harvesting compared	apple flesh under compressive loading .T 608
Fok. Yu-Si	Garrett, W. N. Activity of beef cattle with stalls T 374	Hamdy, M. Y. Analog computer simulation of unidirec-
Hydraulics and stream geometryT 454 Foliar materials, Physical and biological re-	Garst, David	tional moisture diffusion in hay wafers .T 153 Analog computer simulation of electro-
lations in the rapid drying of	Farmer's role in adoption of mechanized conservation practices — tillageTC 85	kinetic movement of colloids in a flow- ing medium
Food processing, The engineer in 734 Forage blower, The effects of certain design changes on the efficiency of a T 403	Gebhardt, M. R. Distribution of trifluralin in the soil when	Hamilton, J. F. Acoustically forced vibration of green-
Forage machinery selection related to rain- fall probabilities, Minimum cost T 563	mived with diely horrow and nower	house tomato blossoms to induce polli-
Forage yields?, Do narrow rows increase . 582 Force-deformation ratio as an index of	rotary cultivator	nation T 731
papaya maturation 1 437	volume application	Can lime and chlorine suppress odors in liquid hog manure
Ford, H. W. Chemical changes in tile-drain filters and	General characteristics of variable diffusiv- ity process and the dynamic equilibrium	Hampson, Robert J. What management expects of the engi-
ditch banks caused by anaerobiosis T 41 Hydraulic conductivity of soils and filter	moisture contentT 709 Gentry, J. P.	neer
materials in Florida wetland citrus T 566 Forecasting stream flow on snowmelt_	Gently, J. I.	
streams T 816	A controller for an automatic prune de-	air, Heat transfer fromT 496
Comparing stump-to-landing transport	A controller for an automatic prune de- hydrator	air, Heat transfer from
mathada	A controller for an automatic prune dehydrator	air, Heat transfer from
methods	A controller for an automatic prune de- hydrator 352 Geometry analysis of anomalous shapes to problems in transient heat transfer, Ap- plications of T296 Geophysical, isotope and tracer techniques in watershed research T601	air, Heat transfer from T 496 Hand and mechanized lettuce harvesting compared T 76 Handling system for tobacco, A mechanical harvesting and 284 Handling systems, Steel bins for bulk 144 Hanford, William D.
Planting gun and bullet	A controller for an automatic prune dehydrator 352 Geometry analysis of anomalous shapes to problems in transient heat transfer, Applications of Total Taylor and tracer techniques in watershed research Total Gill, William E. Machine losses in harvesting ear and	air, Heat transfer from T 496 Hand and mechanized lettuce harvesting compared T 76 Handling system for tobacco, A mechanical harvesting and 284 Handling systems, Steel bins for bulk 144 Hanford, William D. Coatings to resist acid and aggressive
Planting gun and bullet	A controller for an automatic prune dehydrator 352 Geometry analysis of anomalous shapes to problems in transient heat transfer, Applications of Table 1997 Geophysical, isotope and tracer techniques in watershed research Total Gill, William E. Machine losses in harvesting ear and shelled corn 607 Gill, William R.	air, Heat transfer from T 496 Hand and mechanized lettuce harvesting compared T 76 Handling system for tobacco, A mechanical harvesting and 284 Hanford, William D. Coatings to resist acid and aggressive chemical attack on concrete 521 Hanks, F. J.
Planting gun and bullet	A controller for an automatic prune dehydrator 352 Geometry analysis of anomalous shapes to problems in transient heat transfer, Applications of	air, Heat transfer from T 496 Hand and mechanized lettuce harvesting compared T 76 Handling system for tobacco, A mechanical harvesting and 284 Hanford, William D. Coatings to resist acid and aggressive chemical attack on concrete 521 Hanks, F. J. Hydrologic and quality effects of disposal of peach cannery waste T 90
Planting gun and bullet	A controller for an automatic prune dehydrator	air, Heat transfer from

Hansen, H. V. New developments in planting and tillage	Heinemann, H. G. Sedimentation surveys of small reser-	Hudspeth, E. B. Jr. Metering and seed-pattern characteris-
equipmentTC 92	voirs	tics of a horizontal edge-drop plate planter
Farm grain comminution: hammer mill	A practical pipe trailer 405	Hukill, W. V.
and burr mill performance analyzed T 399 Hard-seed reduction in alfalfa by infrared	Heishman, J. O. Heat and moisture design data for broiler	State
and radiofrequency electrical treatments .T 728 Harman, D. J.	houses	Air resistance of perforated metal sup- porting grain
Effect of floor type on required moisture- vapor removal rate from swine finish-	Effect of humidity on swine at high temperature	Human environment, To meet the demands
ing houses T 149	Helbig, J. D.	of today's
Harriott, B. L. Lettuce seed selection and treatment for	The cyclo house 730 Heldman, D. R.	Effect ofT 526 Humphries, Ervin G.
precision planting	Internal friction of nonfat dry milk T 422 Methods of determining rheological prop-	Development of a multiple-pick cucum-
Methods of determining capacity of farm	erties of butterT 444	ber harvesterT 628
machinery T 318 Hart, Samuel A.	perature gradient	Field machine repair cost patterns 139 Hurlbut, L. W. (deceased)
Agricultural wastes management in the future	Henderson, S. M. Farm grain comminution: hammer mill	Tensile and shear strength characteristics
Hart, W. E.	and burr mill performance analyzed T 399	of alfalfa stems
Predicting field distributions of sprinkler systems	Hendrick, James G. Relation of conservation practices to new	Numerical solution of diffusion equations. T 705
Hartman, Monroe A. Upstream flood control effects on river	farming systems – tillageTC 87 X-Y plotter strain-gage input coupler 608	General characteristics of variable diffu- sivity process and the dynamic equili-
basin hydrology	Henrickson, R. L. Applications of geometry analysis of an-	brium moisture content
be 456	omalous shapes to problems in transient	Submerged flow in parshall flumes T 142
Harvesting and handling system for tobac- co, A mechanical	heat transfer	Hydraulic conductivity of soils and filter materials in Florida wetland citrus T 566
Harvesting coffee, Systems for mechanically T 270 Harvesting fruits and vegetables, Mechan-	Machine losses in harvesting ear and shelled corn	Hydraulic depth control of multi-section machinery
ically	Henson, W. H. Jr.	Hydraulic model of runoff from depressional areas
Mechanically	Use of time-lapse photography in tobac- co-curing research	Part I. general considerations
Mechanically	Specific heat of burley tobacco during the cure	Part II. development of the model T 368 Hydraulics and stream geometry T 454
Hassler, F. J. Steady-state thermodynamics: a methodo-	Calorimeter for measuring the respiration	Hydrographs for project formulation and river basin investigation, Use of holdout .T 762
logy for agricultural process engineer-	heat of burley tobacco during cure T 724 Weight as an indicator of progress in	Hydrologic and quality effects of disposal
ingT 68 An instrument for determining the spec-	curing burley tobacco	of peach cannery waste
trofluorometric properties of biological materials	Design features of intact leaf thermo-	Hydrology of loessal watersheds, Effects of
Haugh, C. G. Acoustically forced vibration of green-	couple psychrometers for measuring water potentialT 631	conservation on the
house tomato blossoms to induce polli-	Hermsmeier, L. F. Yield of tile and surface drains and their	on river basin 80
nationT 731 Engineering implications of freeze-drying	effect on the water table in a wet soil .T 86	
research on meats	Herren, Kenneth Field wafering: an evaluation 526	
Treatment of playa lake water for re-	Hexadecanol monolayer spread on a water surface, Wind-tunnel investigation of air	Ikeda, Toshimishi
charge through wellsT 108 Deep tillage and soil-plant-water rela-	flow over a	A track shoe for soft soilT 746
tionshipsTC 47 Conservation bench terraces in TexasT 385	Hienton, Truman E. Electrified farming – its futureT 254	Implementing agricultural engineering ex- tension in Asia
Hay bales. Mechanical removal of wire	High volume, low-pressure air as a heat vehicle in houses	tain snow pack evaporation parameters .T 818
ties from	Hiler, E. A.	Improvements in bench terraces T 532 In flame weeding: what's new? 234
energy retention and nutrient retention	Analog computer simulation of electro- kinetic movement of colloids in a flow-	Inception and evolution of earthmoving soil
of high-density alfalfa	ing mediumT 887	mechanicsT 230 Industry's role in career guidance 610
May waters, Analog computer simulation	Observed and estimated evapotranspira-	Infiltration in Sharkey clay 589 Influence of compaction hardening of soil
of unidirectional moisture diffusion in T 153 Hayashi, H.	tion in southern Alberta	on penetration resistance
Internal friction of nonfat dry milk T 422 Hazen, T. E.	Soil surveys for predicting sulfate hazards to concrete irrigation structuresT 206	paction on cotton yields
Psychrometry in agricultural engineering .T 180	Hodges, T. O.	Influence of variety, time from harvest, and storage conditions on mechanical behav-
Similitude study of ventilation-inlet con- figuration	Some effects of building construction on comfort and breeding efficiency of	ior of the sweet potato
Headley, V. E. A comminution equation relating energy	dairy bullsT 250	ments, Hard-seed reduction in alfalfa by .T 728 Ingeniero agricola, El (the agricultural en-
to surface area by the log probability	Hoffman, G. J. Instrumentation for measuring water po-	gineer) 586
method	tential of an intact plant-soil system .T 38 A multiple temperature water bath 672	Inman, John W. Precision planting — a reality for vege-
tection of a leaf model subjected to wa- ter sprinkling	Design features of intact leaf thermocou-	tables
Heat and moisture design data for broiler	ple psychrometers for measuring water potential	Suppression of nocturnal tobacco T 611
housesT 694 Heat transfer, Applications of geometry	Holf, R. F. Nutrient relationships and fertilizer place-	Instrument for determining the spectroflu- orometric properties of biological ma-
analysis of anomalous shapes to problems in transient	ment as affected by tillageTC 26 Honey, New developments in handling T 226	terials, AnT 112
Heat transfer from hams during freezing by low-temperature air	Hook, Richard W.	INSTRUMENT NEWS
low-temperature air	Hydraulic depth control of multi-section machinery	To determine the density spectrum of in- dividual grains
mulches, Potential of	Houseberg, E. James	To study animal response to sonic boom . 86 Recording dual data points with single-
pressure air as a	Commercial vegetable growers speak out . 134 Houses, High volume, low-pressure air as	pen recorders
bermudagrass	a heat vehicle in	A controller for an automatic prune de-
injection	How cracks and initial moisture content	hydrator
Part I	How dual tire spacing affects tractive per-	X-Y plotter strain-gage input coupler 608 A multiple temperature water bath 672
Heat-use studies of experimental houses in Alaska	formance	A tipping bucket device for measuring
Hedden, S. L.	tors?	very low flows
Limb properties of citrus as criteria for tree-shaker design	How the USDA selects research projects 468	mechanical properties of fruits and vege- tables
Design and development of a tree-shaker harvest system for citrus fruitT 339	How to get your bearings	Instrumentation for measuring water po- tential of an intact plant-soil system T 38
Optimum shaking action for citrus fruit harvesting	Analog model study of a sand-and-gravel	Internal friction of nonfat dry milk T 422
Hedrick, T. I.	aquifer T 448 Huang, B. K.	Interpretation of diurnal variation in soil temperatures
Internal friction of nonfat dry milk T 422 Heermann, D. F.	Tractor noise and operator performance .T 1 Growth dynamics of small tobacco plants	Teriortion enginkles enacing An analytic
Performance characteristics of self-pro-	as affected by night temperature and initial plant size	approach to determine
pelled center-pivot sprinkler irrigation system	Development of an automatic trans-	approach to determine
Hein, P. R. Performance characteristics of self-pro-	planterT 191 Huber, C. S.	sprinkler T 640
pelled center-pivot sprinkler irrigation systemT 11	Engineering implications of freeze-drying research on meats	Irrigation wells, Underground electric service to serve
wyween At		

James, G. W. Comparison of control with start of the control of t			
Jacobson, Paul The story of a terraced feld-sillage TC-12 Johnson, J. F. W. Johnson, J. F. W. Johnson, J. W. Part I, propried confectory selection T-13 Johnson, July E Part I, propried confectory selection T-13 Johnson, William II. Johnson, July E Part I, propried confectory selection T-13 Johnson, William II. Johnson, July E Part I, propried confectory selection T-13 Johnson, William III.	Exposed-layer drying rates of grainT 236 Ives, N. C.	Observed and estimated evapotranspira- tion in southern Alberta	Prototype studies of tillage implementsT 661 Predicting draft forces using model mold-
Section Paid	stateT 240	Similitude in performance studies of soil-	Lucas, George K.
pachament production in teach terraces (1.52) Miller, J. R. We force menhaltery selection related to remain productions (1.52) Miller, J. R. We force menhaltery selection related to remain productions (1.52) Miller, J. R. We force menhaltery selection related to remain productions (1.52) Miller, J. R. We force menhaltery selection (1.52) Miller, J. R. We force where the production of the		Kunze, O. R.	methods 23
The story of a terraced field-dillage T.73 Jeffers, J. P. W. Jeffers, J. W. Jeffers, J. P. W. Jeffers, J. W. Jeffe		peanuts under vacuum T 783	An environmental control system for
Molessum Cortage machinery election Polassum, Part W. Rechibition Part Incomplete for most from depressional areas Summary of the Part It development of the model 1.754 Polassum, Villiam II. do not seen the production of t	The story of a terraced field-tillageTC 73 Improvements in bench terracesT 532 Jeffers, J. P. W.	Influence of variety, time from harvest, and storage conditions on mechanical	Lund, Z. F. Effect of mechanical impedance on cot-
Laboratory method for supplying moliture understands. To 150 per part a party content of model of 150 per party and the other cost of cares illings. To 150 per party and the other cost of cares illings. To 150 per party and the other cost of cares illings. To 150 per party and the other cost of cares illings. To 150 per party and the other cost of cares illings. To 150 per party and the other cost of cares illings. To 150 per party and the other cost of cares illings. To 150 per party and the other cost of cares illings. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affected development. To 150 per party and the other costs affecting source-bode development. To 150 per party and the other costs affecting source-bode costs and the costs affecting source-bode costs are costs and the costs and the costs and the costs and t	Minimum cost forage machinery selection	behavior of the sweet potato	Lyles, Leon
Horthrousic model of runnof from depress- part I, posted considerations 1 Total Johnson, Jack E. Johnson, William H. Johnson, W. J	Building failures from wind and snow	L	wind erosionTC 63
aboratory verification of boundary condi- Faur II, receipting the dellar cost of cand linings. 1 Johnson, Nullian H. Johnson, Willian	Hydraulic model of runoff from depres-	uniformly to soil by condensation T 519	M
Figuring the dealer cost of canal inlines. 17 Rural community were systems — 7.00 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relation in the 20-20 Johnson, William Brownine; a methodological relati	Part I, general considerations T 364	Laboratory verification of boundary condi- tion assumptions for solutions of the De	MacAulay, J. D.
Rural comming water systems 17 303 Sizedy-state thermodynamics: a methodology for agricultural process enginer 16 An instrument for determining the speciment of the speciment o	Part II. development of the model T 368 Johnson, Jack E.	Saint-Venant equations	in bird's-foot trefoilT 568
Steady-state thermodynamics an ethododropy for agricultural process engineer of the properties of the process o	Johnson, Ralph E.	cation, AnaerobicT 320	corn 607
Skeady-state thermody-nanics: a method- ing a materials are stated in the special part of the special part	Rural community water systems T 303 Johnson, William H.	In flame weeding: what's new? 234 Lam. J. Jr.	Machinery, Hydraulic depth control of
An instrument for determining the spect of the policy information from the policy of peach transpired properties of biological relations in the properties of the policy of peach transpired properties of the policy of the peach transpired properties of the policy of	ology for agricultural process engineer-	Suppression of nocturnal tobacco insect	Machinery, Methods of determining ca-
Physical and biological relations in the potting grain of the potting gr	An instrument for determining the spec-	Lambert, J. R.	Machinery systems, Weather and econom-
Physical and biological relations in the plothonon, William H. Research worker's role in farmer accept provided to the properties of controlled to the provided to the provid	trofluorometric properties of biological	of peach cannery waste	Machmeier, R. E.
Research worker's role in farmer acceptance of results of research in mechanical computer simulation of undiffered to an analysis of Nebraska pio varying power flue (conoumption data. 7 4) and the properties of consumption data. 7 4) reducing a varying power flue (conoumption data. 7 4) reducing varying power flue (conoumption) varying power flue (conoumption data. 7 4) reducing varying power flue (conoumption) varying power flue (conoumption) varying varying power flue (conoumption) varying power flue (conoumption) varying power flue (conoumption) varying varying power flue (conoumption) varying varying power flue (conoumption) varyi	Physical and biological relations in the rapid drying of foliar materialsT 283	Air resistance of perforated metal sup-	watershedsT 208
Lambe of results of research in mechanical machanics of substance diffusion in hay wafers 7.153 whelled core. **Tolondamosture diffusion in hay wafers 7.154 was accompanied and a state of the presentation of cattle waste. **Tolondamosture diffusion in hay wafers 7.154 was accompanied and the presentation of cattle waste. **Tolondamosture diffusion in hay wafers 7.154 was accompanied and the presentation of cattle waste. **Tolondamosture diffusion in hay wafers 7.154 was accompanied and the presentation of cattle waste. **Tolondamosture diffusion in hay wafers 7.155 where one required moisture waste 7.155 was accompanied and the presentation of cattle waste. **Tolondamosture diffusion in the presentation of cattle waste. **Tolondamosture diffusion in the presentation in the presentation of cattle waste. **Tolondamosture diffusion in the presentation in the pr	Johnson, William H. Research worker's role in farmer accen-	Land forming and tillage for moisture con-	Scouting and the agricultural engineer 749
shelied corn. following, F. B. following, F. B	tance of results of research in mechan-	Lane, D. E. Statistical analysis of Nebraska pto vary-	Steel bins for bulk handling systems 144
Machine losses in harvesting car and 671 Johnston, F. J. Johnston, F. J. Controlled-atmosphere generator for applications, and the properties of company of tractors affecting sourchole development. To 120 Johnston, J. R. Land forming and tillage for moisture of the properties of the properties of controlled-atmosphere generator for paper. The process of the properties o	Analog computer simulation of unidirec- tional moisture diffusion in hay wafers .T 153	ing power and fuel consumption data T 43	Air flow pattern around farm buildings T 287
All and the properties of circular duration for small properties of circular duration for supplying moliture upstream of a rectangular west. T757 Jones, Eliner E. Jr. Jacobs, H. W. and legistion of cattle waste. T757 Jones, Eliner E. Jr. Jones, H. W. and legistion of cattle waste. T757 Jones, Eliner E. Jr. Jones, H. W. and legistion of cattle waste. T757 Jones, Eliner E. Jr. Jones, W. A. Jones of the measurements of the control	Machine losses in harvesting ear and shelled corn	of tractors from the maximum power	The mechanical harvesting of tomatoes -
Janon, L. W. Land torming and tillage for moisture Land torming and tillage for moisture Solones, B. A. Jr. Factors affecting scour-hole development Land torming and tillage for moisture Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land mode for 840 Land torming and tillage and land and solid till support the solid land and so	Juniston, F. D.	Larson, C. L.	Man-machine performance in a baled-
Land forming and tillage for moisture [76] Sones, B. A. F. Factors affecting socur-hole development upstream of a rectingular weir	ple storageT 120	watershedsT 208	Man-machine system in a repetitive load-
Larson, M. B. Larson, W. E. Acrobic digestion of cattle waste — 1757 Jones, Blane E. Jr. Jones, Blane E. Jr. Jones, H. W. Leaf loss in birds-foot trefoil — 1753 Jones, H. W. Leaf loss in birds-foot trefoil — 1753 Jones, H. W. Leaf loss in birds-foot trefoil — 1753 Jones, H. W. Leaf loss in birds-foot trefoil — 1753 Jones, H. W. Leaf loss in birds-foot trefoil — 1753 Jones, H. W. Leaf loss in birds-foot trefoil — 1753 Jones, H. W. Leaf loss in birds-foot trefoil — 1754 Jones, H. W.	Land forming and tillage for moisture	Predicting draft forces using model mold-	Mannering, J. V.
upstream of a rectangular weir 1 572 Acrobic digestion of cattle waste 1 757 Jones, Elmer E. Jr. Some, W. M. a farmstead water-system 1 456 No. Ellect of floor type on required moisture 1 459 Jones, H. W. Effect of floor type on required moisture 1 459 Jones, Thomas N. Do narrow rows increase forage yields? 582 Mixing characteristics of steam injection 1 459 Mixing characterist	Jones, B. A. Jr.	Larson, M. B.	erosion controlTC 58
Jones, D. D. Acroble destion of cattle waste — 1757 New concepts in farmstead water-system design	upstream of a rectangular weir T 572	ture uniformly to soil by condensation T 519	odors in liquid hog 340
Jones, H. W. Effect of fior type on required moisture-vapor removal rate from swine finishing. Jones, Thomas N. Do narrow rows increase forage yields? 522 Jones, V. A. Meatre part I. postinjector stagnation and static pressure measurements. T-747 Hordan, K. A. Jordan, M. A. Jordan,	Jones, D. D. Aerobic digestion of cattle waste T 757	Potential and need for soil tillage re-	Selectivity in research - how industry
design Jones, H. Bloor type on required moistured polisures of the properties of citrus as criteria for type of the properties of citrus as criteria for tree-shaker design J. 129 Jones, T. W.	Jones, Elmer E. Jr. New concepts in farmstead water-system	Leaf loss in bird's-foot trefoilT 568	Markwardt, E. D.
Effect of floor type on required moisture-vapor removal rate from swine finishing. T 149 Jones, Thomas N. Do narrow rows increase forage yields? 582 Jones, V. A. Do natrow rows increase forage yields? 582 Jones, V. A. Do natrow rows increase forage yields? 582 Jones, V. A. Do natrow rows increase forage yields? 582 Jones, V. A. Do natrow rows increase forage yields? 582 Jones, V. A. Do natrow rows increase forage yields? 582 Jones, V. A. Do natrow rows increase forage yields? 582 Jones, V. A. Do natrow rows increase forage yields? 582 Jones, V. A. Do natrow rows increase forage yields? 582 Jones, V. A. Do natrow rows increase forage yields? 582 Jones, V. A. Himp properties of citrus fruit that was criteria for citrus fruit harvesting. T 447 Lettuce harvesting compared, Hand and T 47 Lettuce seed selection and treatment for precision planting. 18 Letin, J. H. Letin, J. H. Letin, J. H. Lettuce harvesting compared, Hand and T 47 Lettuce seed selection and treatment for precision planting. 18 Letin, J. H. Letin, J. H. Letin, J. H. Lettuce harvesting compared, Hand and T 47 Lettuce seed selection and treatment for precision planting. 18 Letin, J. H. Letin, J. H. Letin, J. H. Letin, J. H. Lettuce harvesting compared, Hand and T 47 Lettuce seed selection and treatment for precision planting. 18 Letin, J. H. Letin, J. H. Letin, J. H. Letin, J. H. Lettuce harvesting compared, Hand and T 47 Lettuce seed selection and treatment for precision planting. 18 Letin, J. H.	Jones, H. W.	Lehman, I. H.	apples during mechanical harvesting T 360
Jones, Homas N. Jones, Homas N. Don harrow voss increase forage yields? Sez. Mixing characteristics of steam injection heaters Part I. acoustic spectral measurements. T 470 Part II. acoustic spectral measurements. T 470 Part II. acoustic spectral measurements. T 470 Part II. acoustic spectral measurements. T 470 Pordan, K. Frequency analysis of weather for estimation of temperature fluctuations in 19 Joyce, James G. Underground electric service to serve intigation wells K Keppeler, R. A. Freeze-drying for partial dehydration of Roman heeses K Keppeler, R. A. Characterization of soil aeration during sprinkler irrigation. Sprinkler irrigation. T 437 Kinch, D. M. Force-deformation of subjected to water sprinkling Sprinkler irrigation. Force-deformation of the special sprinkling of an event depending upon ground speed. T 1437 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1437 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1437 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1437 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1437 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1437 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1437 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1437 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1437 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1438 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1447 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1447 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1447 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1447 Kinch, D. M. Force-deformation of muscle-work output with potentials. T 1448 Limb properties of citrus a criteria for tree shellowed and treatment for	Effect of floor type on required moisture-	tion costsT 419	Determining the mass movement of in-
Mixing characteristics of steam injection Mixing characteristics of cherry bark and wood under static and dynamic loading T 323 Mixinit; Does the milking machine cause Mixing the static and peach bark damage Mixing the paper of the properties of cherry Mixing the paper of the pape	houses	Limb properties of citrus as criteria for	ertia of a tractor using floor suspen-
Part I. postinjector stagnation and static pressure measurements. T 470 Part II. acoustic spectral measurements. T 474 Part II. acoustic spectral measurement fluctuations in an animal shelters. T 60 Part II. acoustic spectral measurement fluctuations in a 1 404 Part II. acoustic spectral measurement fluctuations in a 1 404 Part II. acoustic spectral measurement fluctuations in a 1 404 Part II. acoustic spectral measurement fluctuations in a 1 404 Part II. acoustic spectral measurement fluctuations in a 1 404 Part II. acoustic spectral measurement fluctuations in a 1 404 Part II. acoustic spectral measurement fluctuations in a 1 404 Part II. acoustic spectral measurement fluctuations in a 1 404 Part II. acoustic spectral measurement fluctuations in a 1 404 Part II. ac	Do narrow rows increase forage yields? . 582 Jones, V. A.	Ontimum shaking action for citrus fruit	A practical pipe trailer 405
Part II. And include measurements. 1 470 Jordan, K. A. Frequency analysis of weather for estimation of temperature fluctuations in animal shelters Jores, James G. Jurgens, W. C. Pulse modulating a high-power rf oscillator K Keppeler, R. A. Freeze-crying for partial dehydration of Romano cheese Kidder, E. H. Characterization of soil aeration during sprinkler irrigation of a leaf model subjected to water sprinkling of an event depending upon ground speed Kinch, D. M. Force-deformation ratio as an index of papays maturation of subject of the spring of an event depending upon ground speed Kinch, D. M. Directive measurement of muscle-work output the spring of an event depending upon ground speed Kinch, D. M. Directive measurement of muscle-work output the spring of an event depending upon ground speed Kinch, D. M. Directive measurement of muscle-work output the spring of an event depending upon ground speed Kinch, D. M. Directive measurement of muscle-work output the spring of an event depending upon and speed Kinch, D. M. Directive measurement of muscle-work output the spring of an event depending upon more support to the spring of t	Mixing characteristics of steam injection heaters	Lettuce harvesting compared, Hand and mechanized	Viscoelastic analysis of the behavior and
Jordan, K. Jordan, J. Jordan, K. Jordan, J. Jordan	tic pressure measurements	Lettuce seed selection and treatment for precision planting	under static and dynamic loading T 323
apple and peach bark damage	Jordan, K. A.	Levin, J. H.	bovine 522
Geophysical, isotope and tracer tenning the regression wells Underground electric service to serve irrigation wells Uurgens, W. C. Pulse modulating a high-power rf oscillator K Keppeler, R. A. Keppeler, R. A. Freeze-drying for partial dehydration of Romano cheese T 881 Kider, E. Haziton of soil aeration during sprinkler irrigation Sprinkler irrigation Sprinkler irrigation T 16 Heat and mass transfer study of freeze protection of a leaf model subjected to water sprinkling Force-deformation ratio as an index of papary amturation Force-deformation ratio as an index of papary amturation T 437 Kinch, D. M. Force-deformation ratio as an index of papary amturation T 437 Kinch, D. M. Force-deformation ratio as an index of papary amturation T 437 Kinch, J. A. Direct measurement for muscle-work output with potentials Force-deformixer evaluation T 701 Kline, C. K. Predicting conomic feasibility of mechanization Logging systems development? Can industry control Logging systems development? Can industry control	mation of temperature fluctuations in	apple and peach bark damage T 788 Lewis, David C.	a new modelT 582
Underground electric service to serve in rigation wells	Joyce, James G.	Geophysical, isotope and tracer techniques	Method of finite differences used to relate
Freeze-drying for partial dehydration of Romano cheese Kidder, E. H. Characterization of soil aeration during sprinkler irrigation T 76 Heat and mass transfer study of freeze protection of a leaf model subjected to water sprinkling T 28 Kinch, D. M. Force-deformation ratio as an index of papaya maturation T 437 Kirkpatrick, Donald G. Timing of an event depending upon ground speed Direct measurement of muscle-work output with potentials T 500 Kiltredge, Robert J. Direct measurement of muscle-work output with potentials T 500 Kiltredge, Robert J. Fram feed-mixer evaluation T 771 Knott, C. M. Supposal of nocturnal tobacco insect weeklable harvesting systems T 511 Koch L. M. Chermining the mass movement of inertia of a tractor using floor suspension T 416 Kranzler, G. A. Response of face flies and house flies to	rigation wells 404	Libby, Fred	erties of potatoesT 558
Keppeler, R. A. Freeze-drying for partial dehydration of Romano cheese T881 Kidder, E. H. Characterization of soil aeration during sprinkler irrigation	Pulse modulating a high-power rf oscil-	Light transmittance of peanut oil as an ob- jective measurement related to quality of	Cotton cambium temperatures and cell
Keppeler, R. A. Freeze-drying for partial dehydration of Romano cheese T 881 Kidder, E. H. Characterization of soil aeration during sprinkler irrigation T 161 Heat and mass transfer study of freeze protection of a leaf model subjected to water sprinkling T 28 Kinch, D. M. Force-deformation ratio as an index of papaya maturation T 437 Kirkpatrick, Donald G. Timing of an event depending upon ground speed T 500 Kilfredge, Robert J. Direct measurement of muscle-work output with potentials T 500 Kilfredge, Robert J. Direct measurement of muscle-work output with potentials T 500 Kilfredge, Robert J. Effects of tree structure on damage to apples during mechanical harvesting. T 360 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of tillage on plant growth as influenced by soil organisms TC 19 McCalla, T. M. Effects of	lator T 185	raw peanuts	tionT 776
Keppeler, R. A. Freeze-drying for partial dehydration of Romano cheese Kidder, E. H. Characterization of soil aeration during sprinkler irrigation	K	Soil bins, artificial soils and scale-model	Effects of tree structure on damage to
Romano cheese T 881 Kidder, E. H. Characterization of soil aeration during sprinkler irrigation T 16 Heat and mass transfer study of freeze protection of a leaf model subjected to water sprinkling T 28 Kinch, D. M. Force-deformation ratio as an index of papaya maturation T 477 Kinch, D. M. Force-deformation ratio as an index of papaya maturation T 477 Kirhartick, Donald G. Timing of an event depending upon ground speed T 28 Kithredge, Robert J. Direct measurement of muscle-work output with potentials T 200 Kithre, C. K. Predicting economic feasibility of mechanical vegetable harvesting systems T 353 Klouda, A. E. Farm feed-mixer evaluation T 771 Knott, C. M. Suppression of nocturnal tobacco insect populations with blacklight traps T 611 Koch, J. A. Determining the mass movement of inertia of a tractor using floor suspension T 416 Kranzler, G. A. Response of face flies and house flies to	Keppeler, R. A. Freeze-drying for partial dehydration of	How dual tire spacing affects tractive	McAndrew, D. W.
Characterization of soil aeration during sprinkler irrigation	Romano cheeseT 881	Limb properties of citrus as criteria for tree-	and automatic methods in a high dens-
kinch, D. M. Force-deformation ratio as an index of papaya maturation T 437 Kirkpatrick, Donald G. Timing of an event depending upon ground speed 205 Kittredge, Robert J. Direct measurement of muscle-work output with potentials T 500 Kilne, C. K. Predicting economic feasibility of mechanical vegetable harvesting systems T 505 Klouda, A. E. Farm feed-mixer evaluation T 771 Knott, C. M. Suppression of nocturnal tobacco insect populations with blacklight traps T 611 Koch, J. A. Determining the mass movement of inertia of a tractor using floor suspension T 416 Kranzler, G. A. Response of face flies and house flies to	Characterization of soil aeration during	shaker designT 129	McCalla, T. M.
Kinch, D. M. Force-deformation ratio as an index of papaya maturation T 437 Kirkpatrick, Donald G. Timing of an event depending upon ground speed T 500 Kittredge, Robert J. Direct measurement of muscle-work output with potentials T 500 Kilne, C. K. Predicting economic feasibility of mechanical vegetable harvesting systems T 500 Kline, C. K. Predicting economic feasibility of mechanical vegetable harvesting systems T 500 Klonda, A. E. Farm feed-mixer evaluation T 771 Knott, C. M. Suppression of nocturnal tobacco insect populations with blacklight traps T 611 Koch, J. A. Determining the mass movement of inertia of a tractor using floor suspension T 416 Kranzler, G. A. Response of face flies and house flies to	Heat and mass transfer study of freeze	Farm feed-mixer evaluation	fluenced by soil organismsTC 19
Force-deformation ratio as an index of papaya maturation	to water sprinkling T 28	suppress odors in	An instrument for determining the spec-
Kirkpatrick, Donald G. Timing of an event depending upon ground speed Extracting exponent J. Direct measurement of muscle-work output with potentials Predicting economic feasibility of mechanical vegetable harvesting systems I 750 Kline, C. K. Predicting economic feasibility of mechanical vegetable harvesting systems I 750 Klouda, A. E. Farm feed-mixer evaluation T 771 Knott, C. M. Suppression of nocturnal tobacco insect populations with blacklight traps T 810 Kech, J. A. Determining the mass movement of inertia of a tractor using floor suspension T 812 Longhouse, A. D. Heat and moisture design data for broiler houses T 694 Longhouse, A. D. Heat and moisture design data for broiler houses T 694 Longhouse, H. A. Effects of tree structure on damage to apples during mechanical harvesting. T 360 Look – no hands! Look—no hands! Look—or hands!	Force-deformation ratio as an index of	Anaerobic lagoons: considerations in de-	materialsT 112
Kittredge, Robert J. Direct measurement of muscle-work output with potentials	Kirkpatrick, Donald G.	sign and applicationT 320	The engineer's responsibility in riding
Direct measurement of muscle-work output with potentials	Kittredge, Robert J.	Long, F. L.	McConville, Vincent O. Jr.
Kline, C. K. Predicting economic feasibility of mechanical vegetable harvesting systems . T 353 Klouda, A. E. Farm feed-mixer evaluation	Direct measurement of muscle-work out- put with potentials	Irrigating vegetables with brackish water T 171	Filtration systems for cab ventilation 589
Klouda, A. E. — Farm feed-mixer evaluation T 771 Knott, C. M. Suppression of nocturnal tobacco insect populations with blacklight traps T 611 Kcoh, J. A. Determining the mass movement of inertia of a tractor using floor suspension T 416 Kranzler, G. A. Response of face flies and house flies to	Kline, C. K. Predicting economic feasibility of mechan-	Heat and moisture design data for broiler	Hand and mechanized lettuce harvesting
Farm feed-mixer evaluation	ical vegetable harvesting systems T 353	Longhouse, H. A.	McFarland, T. David
Suppression of nocturnal tobacco insect populations with blacklight traps T 611 Koch, J. A. Determining the mass movement of inertia of a tractor using floor suspension T 416 Kranzler, G. A. Response of face flies and house flies to Response of face flies and house flies to	Farm feed-mixer evaluation	apples during mechanical harvesting T 360	McHenry, J. Roger
Koch, J. A. Determining the mass movement of inertia of a tractor using floor suspension T 416 Kranzler, G. A. Response of face flies and house flies to ririgated pastures and alfalfa under project design and probable maximum	Suppression of nocturnal tobacco insect	Lotspeich, F. B.	researchT 619
of a tractor using floor suspensionT 416 Kranzler, G. A. Response of face flies and house flies to Response of face flies and house flies to Response of face flies and probable maximum Total Canada Meteorological condition leading to the project design and probable maximum	Koch, J. A. Determining the mass movement of inertia		Snowcover in the prairie provinces of
Response of face flies and house flies to irrigated pastures and aliana under	of a tractor using floor suspension T 416 Kranzler, G. A.	Evapotranspiration and microclimate of	Meteorological condition leading to the
	Response of face flies and house flies to	high altitude conditionsT 123	flood on the Paddle River, Alberta T 821

McKenna, Lawrence J.	Moore, Milo J.	P
Standardization in the fluid power in- dustry	Timing of an event depending upon ground speed	Pair, Claude H.
Meador, Neil F.	Moreng, R. E.	Water distribution under sprinkler irriga- tion
A stiffness algorithm for determinate and indeterminate truss analysis T 434	The cyclo house	Palmatier, E. P.
Mears, David R.	Activity of beef cattle with stalls T 374	The psychrometric chart and its applica- tion
Timing of an event depending upon ground speed	Effect of humidity on swine at high tem- perature	Palnitkar, M.
Measuring apparent viscosity of organic	Mower design, The engineer's responsibility	Spray drying of pea beans in a cocurrent horizontal drier
slurries	in riding	horizontal drier T 104 Papaya maturation, Force-deformation ratio
drying research onT 877	Studies of fire spread between buildings T 587	as an index of
Mechanical behavior of sweet potatoes un- der slow loading and impact loadingT 765	Muir, W. E.	stability, weight distribution and hitch lift
Mechanical behavior of the sweet potato,	Studies of fire spread between buildings T 587 Multiple temperature water bath, A 672	Parish, R. L. 532
Influence of variety, time from harvest, and storage conditions on	Munger, G. R.	Determining the mass movement of iner-
Mechanical harvesting and handling system	Engineering design data for corrugated asbestos-cement	tia of a tractor using floor suspension. T 416 Particle separation in a pneumatic convey-
for tobacco, A	Muscle-work output with biopotentials, Di-	ing system
profit. The	rect measurement of	conditions, Evapotranspiration and micro-
Mechanical properties affecting leaf loss in	Waste water conservation and renovation	climate of irrigatedT 123
bird's-foot trefoil	research 532	Patin, T. R. Cotton cambium temperatures and cell
tables, Instrumentation for investigating dynamic		damage resulting from flame cultiva-
Mechanical removal of wire ties from hay	N	Pattie, D. R.
bales	Neal, Allan E.	Ventilating the barn in cold weather 668
vested 436	Performance testing of combines in the lab	Patronsky, R. J. Use of holdout hydrographs for project
Mechanically harvesting fruits and vege- tables	Nelson, Gordon L.	formulation and river basin investiga-
Mechanically harvesting the Thompson	Career guidance opportunities in JETS 297	Pauli, A, W.
seedless grape	Structural analysis of floor grids for con- finement cattle feeding systemsT 50	Lettuce seed selection and treatment for
ciples - tillage	finement cattle feeding systems T 50 Performance of light-gage, cold-rolled steel frames for light building con-	precision planting
Mechanized lettuce harvesting compared, Hand and	steel frames for light building con- struction	trol during storage to prevent cracking
Meece, R. E. Jr.	Applications of geometry analysis of an-	of
Mixing characteristics of steam injection	omalous shapes to problems in transient heat transfer	Spray drying of
heaters Part I – postinjector stagnation and	Heat transfer from hams during freezing	Peach cannery waste, Hydrologic and quality effects of disposal of
static pressure measurementsT 470 Part 11 — acoustic spectral measure-	by low-temperature air	Peaches, Adapting shake-catch method of
ments	Spontaneous heating, gross energy reten-	harvesting to clingT 159 Peak flow and critical duration for small
Menear, John R.	tion and nutrient retention of high- density alfalfa hay bales	watershedsT 208
To study animal response to sonic boom 86 Menzies, D.	Nelson, S. O.	Peak, G. W. Improved runoff forecasts based on
Aerodynamic properties of alfalfa par-	Pulse modulating a high-power rf oscilla-	mountain snow pack evaporation pa-
ticles	torT 185 Hard-seed reduction in alfalfa by infra-	rametersT 818 Peanuts, Light transmittance of peanut oil
project design and probable maximum	red and radiofrequency electrical treat-	as an objective measurement related to
flood on the Paddle River, Alberta T 821 Metering and seed-pattern characteristics of	mentsT 728 Neubauer, L. W.	quality of raw
a horizontal edge-drop plate planter T 468	Forty years of wood-durability tests T 203	termittent drying ofT 783
Method of finite differences used to relate	Effect of shape of building on interior air temperature	Pearman, G. E. Calorimeter for measuring the respira-
changes in thermal and physical proper- ties of potatoes	New concepts in farmstead water-system	tion heat of burley tobacco during
Methods of determining capacity of farm	design	Peart, R. M.
machineryT 318 Methods of determining rheological prop-	New developments in planting and tillage	Useful search techniques to save research
erties of butter 1 444	equipmentTC 92 Newman, Jerry O.	time
Meyer, L. D. Tillage and land modification for water	High volume, low-pressure air as a heat	slurries
erosion controlTC 58	vehicle in houses	Mathematical simulation of corn drying — a new modelT 582
Mickelson, Rome H. Conservation bench terraces in eastern	Nichols, Ralph G. Listening is good business	Engineering implications of freeze-drying
Colorado	Norris, K. H.	research on meats
Microclimate of irrigated pastures and al- falfa under high altitude conditions, Evap-	Instrumentation for investigating dynamic	Performance characteristics of self-propelled
otranspiration and	mechanical properties of fruits and vegetables	center-pivot sprinkler irrigation systemT 11
Milk, Internal friction of nonfat dry T 422 Milking machine cause bovine mastitis?,	A spectrograph for action-spectra studies	Performance of light-gage, cold-rolled steel frames for light building construction. T 279
Does the 522	in the 400 to 800 nm region T 407 Optical properties of selected fruits vs.	Performance of shallow subsurface drains
Miller, Martin R. Developing a high-capacity stalk cutter 132	maturity	in glacial till soils
Millier, W. F.	Notching and timber connection combina- tion in joints between wood members T 145	Persson, S. P. E.
The effects of certain design changes on	Nozzle developed for electrostatically charg-	A track shoe for soft soil
the efficiency of a forage blower T 403 Milne, C. M.	Numerical solution of diffusion equations. T 705	of dust resistivity on the electrostaticT 175
Analysis of structural frames with semi-	Numerical solution of tire strain problems T 451	Petersen, Dale R. How much water for national forest
rigid ground connections	Nutrient relationships and fertilizer place- ment as affected by tillageTC 26	visitors? 348
related to rainfall probabilities T 563		Pettingill, D. H.
Minimum tillage – a conservation measure TC 75		The effects of certain design changes on the efficiency of a forage blower T 403
Mitchell, B. W. Measuring apparent viscosity of organic	0	Pfost, H. B.
slurries	O'Brien, Michael Mechanically harvesting fruits and vege-	A comminution equation relating energy to surface area by the log probability
Mixing characteristics of steam injection heaters	tables	methodT 331
Part I — postinjector stagnation and static	Observed and estimated evapotranspiration in southern Alberta	Phillips, W. R.
Part II – acoustic spectral measurements T 470	Olmo, Harold P.	Controlled-atmosphere generator for apple storage
Model testing. Soil bins, artificial soils and	Mechanically harvesting the Thompson seedless grape	Philo, Harry M.
scale	seedless grape	Legal liability of the agricultural engi-
Mohsenin, Nuri N.	Opliger, P. S.	neer
To determine the density spectrum of in- dividual grains	Hydrologic and quality effects of disposal of peach cannery waste	rapid drying of foliar materials T 283 Phytotron?, Why the
Moisture content, General characteristics	Opportunity or active recruitment?,	Pierrot, V. C.
of variable diffusivity process and the	An 530	A similitude of an unpowered pneumatic
dynamic equilibriumT 709 Moisture movement in a porous, hygro-	Optical properties of selected fruits vs. maturity	Piest, R. F.
scopic solid	Optimum shaking action for citrus fruit harvesting	Sheet and gully erosion in the Missouri
Monke, E. J. Electrokinetic studies of porous media	Oscillator, Pulse modulating a high-power	Valley loessial region
systems	rfT 185	Planter, Metering and seed-pattern charac-
Monroe, G. E. Systems for mechanically harvesting cof-	Ota, Hajime Heat and moisture design data for broil-	teristics of a horizontal edge-drop plateT 460 Planting gun and bullet
feeT 270	er housesT 694	Planting, Lettuce seed selection and treat-
Moore, J. A. Mechanical removal of wire ties from	Outdoor lighting on the farm 294 Owens, C. D.	ment for precision
hay balesT 549	New developments in handling honey . T 226	lating to use of water by

Plant-soil system, Instrumentation for meas- uring water potential of an intact T 38	Recorders, Recording dual data points with single-pen	Schwiesow, W. F. Wind-tunnel investigation of air flow
Plastic drains plowed in automatically Cor-	Recording dual data points with single-pen	over a hexadecanol monolayer spread
rugated The Potential of heat transfer in soil covered with T 546 Plows in agricultural soils, Predicting draft T	recorders	on a water surface
in soil covered with	Recce, Floyd N. Recording dual data points with single-	Controlled-atmosphere generator for ap- ple storage
	pen recorders 146	Scour-hole development upstream of a rec-
Pneumatic conveying system, Particle separation in a	Reed, M. J. Utility requirements for processing broil-	tangular weir, Factors affecting T 572 Scouting and the agricultural engineer 749
aration in a	ersT 136 Reeve, John O.	Sediment sampler, An automatic bedload . 524
Poore, Bernard B.	How standards increase electrical safety . 335	Sedimentation and erosion in west Tennes- see open ditches, Effects of grade on T 626
Field wafering: an evaluation 526 Porous media systems, Electrokinetic studies	Reich, Brian M. Rapid flood-peak determination on small	Sedimentation surveys of small reservoirs . 402 Seed environment due to tillage, Changes
ofT 412	watersheds	in
Porterfield, J. G. Particle separation in a pneumatic con-	Relation of conservation practices to new farming systems – tillageTC 87	Environmental requirements forTC 10
veying system	Relation of moisture content to tensile- failure strength of glass bead systems T 616	Seed selection and treatment for precision planting, Lettuce
scopic solidT 716	Reliability testing – tillageTC 53	Segerlind, L. J.
Postlewaite, J. E. Laboratory method for supplying moisture	Renoll, Elmo S. Relation of conservation practices to new	Shear stress in adhesive joints subject to bending
uniformly to soil by condensation T 519 Potatoes, Method of finite differences used	farming systems – tillageTC 87 Replogle, John A.	Seismic refraction and electrical resistivity: tools in groundwater explorationT 890
to relate changes in thermal and physical	Target meters for velocity and discharge	Selecting optimum-sized tractors for de-
properties of	measurements in open channels T 854 Research – how industry selects, Selectivity	velopmental agricultural mechanization .T 508 Selectivity in research – how industry se-
Potential of heat transfer in soil covered with plastic mulches	Research time, Useful search techniques to	lects
Poultry, A ventilating system for high-den-	save 451	Seismic refraction and electrical resis-
Poultry, A ventilating system for high-density housing of	Research worker's role in farmer acceptance of results of research in mechanizing con-	tivity: tools in groundwater explora- tion
ventilation air exchange in windowless T 78 Poultry research facilities, An environmen-	servation practices – tillageTC 80 Reservoirs, Sedimentation surveys of small . 402	Separate cylinder to handle tailings from
tal control system forT 376	Response of face flies and house flies to	Sewell, J. I.
Powell, Albert E. Notching and timber connection combina-	Richards, Sterling J.	Effects of grade on sedimentation and erosion in west Tennessee open
tion in joints between wood members .T 146	Water release as a soil property relating	ditches
Power fuel economy of tractors from the maximum power fuel economy, Predict-	to use of water by plants	fer, Applications of geometry analysis of
ing varyingT 576 Poynor, Russell R.	Computerized weather information for farmers	anomalousT 296
With many challenging hurdles 393	Robinson, F. E.	Shear stress in adhesive joints subject to bending
Practical pipe trailer, A	Hand and mechanized lettuce harvesting compared	Sheet and gully erosion in the Missouri Val- ley loessial region
Track and hold for electronic zeroing 292 Pratt, George L.	Rodda, E. D. An all-precast, concrete, rigid-frame	Shelef, Leora To determine the density spectrum of in-
Building failures from wind and snow	building for farm and agri-business T 258 Role of the extension worker – tillage TC 84	dividual grains
Structural analysis of floor grids for con-	Role of the farm machinery designer -	Shelling of corn, Corn losses and kernel damage in field
finement cattle feeding systems T 50 Precise discharge measurements for hydro-	tillageTC 82	Shen, C. Y. Laboratory method for supplying moisture
logic researchT 458	Effect of dust and ammonia air contami-	uniformly to soil by condensation T 519
Precision planting – A reality for vege- tables	nation on turkey response	Shove, Gene C. Dehydrofrigidation: for shelled corn con-
Precision planting of sugar beets 588 Predicting draft forces using model mold-	Vertical bottom pressures of confined stacks of dried citrus pulpT 868	ditioning
board plows in agricultural soils T 665	Rouch, Keith E.	shelled-corn conditioning
Predicting economic feasibility of mechani- cal vegetable harvesting systemsT 353	How dual tire spacing affects tractive performance	Shutze, J. V. The cyclo house
Predicting field distributions of sprinkler systems	Rumsey, J. W. Some aspects of elastic behavior of se-	Silo, An explosion in a
Predicting tractive performance in various	lected fruitsT 46	Can industry control logging systems
Predicting varying power fuel economy of	Runoff and erosion characteristics of the brown loam soils	Similitude in performance studies of soil-
tractors from the maximum power fuel	Runoff data by computer, Analyzing erosion and	chisel systems
economy	Runoff forecasts based on mountain snow	A
Prune denydrator. A controller for an auto-	pack evaporation parameters, Improved .T 818 Runoff from depressional areas, Hydraulic	Similitude study of ventilation-inlet con-
Psychrometers for measuring water poten-	model of Part I. general considerations 364	figuration
tial, Design features of intact leaf thermo-	Part II. development of the model T 368	Simrall, Harry C.
Psychrometric chart and its application,	Runoff sampler, Wilschwitz T 883 Rural community water systems T 303	ECPD assumes guidance leadership 233 To meet the demands of today's human
Psychrometric chart and its application, The T 181 Psychrometrics of summer-ventilation air	Rush, E. S. Trafficability tests with a two-wheel-drive	environment
exchange in windowless poultry houses .1 78	industrial tractorT 778	Simulation studies of human errors in mul-
Psychrometry in agricultural engineering T 180 PTO varying power and fuel consumption		tiple-loading transplantingT 844 Singley, Mark E.
data, Statistical analysis of Nebraska T 43 Puckett, H. B.	S	An explosion in a silo 24 Skaggs, R. W.
A stepless variable-speed reducer T 132	Saeed, Mohammad	Apparent thermal conductivity of soil as
Pulse modulating a high-power rf oscillator .T 185 Puzey, George A.	Psychrometrics of summer-ventilation air exchange in windowless poultry houses .T 78	related to soil porosityT 504 Potential of heat transfer in soil covered
Field machine repair cost patterns 139 Pyle, Howard	Safety, How standards increase electrical . 335	with plastic mulches T 546 Skogerboe, G. V.
Safety - its demands and rewards 197	Safety in farm equipment: the manufac- turer's concern	Submerged flow in parshall flumes T 142
	Safety – its demands and rewards 197 Saran, C.	Slurries, Measuring apparent viscosity of
R	Steering farm vehicles - a study in sim-	organic T 523 Slurry fertilizer: equipment and application
Radiofrequency electrical treatments, Hard-	saxton, K. E.	costs
seed reduction in alfalfa by infrared and .T 728	Effects of conservation on the hydrology of loessal watersheds	Erosion control research: problems and progress
Rainfall multipliers, Crop responses to T 484 Rainfall probabilities, Minimum cost forage	Schafer, Robert L.	Smith, E. M.
machinery selection related to T 563 Rapid flood-peak determination on small	Track and hold for electronic zeroing 292 Prototype studies of tillage implements .T 661	Devices for small-plot experiments in grassland renovation researchT 54
watersheds	Scheduling of self-propelled balewagon op- erations subsequent to baler operations .T 683	Interpretation of diurnal variation in soil
Rapp, E. Performance of shallow subsurface drains	Schertz, C. E.	temperatures
in glacial till soilsT 214 Rausch, David L.	Basic considerations in mechanizing cit- rus harvest	related to soil porosity
Sedimentation surveys of small reser-	rus harvest	with plastic mulches
Rawlins, Stephen L. 402	What do tax dollars buy in agricultural research? 230	Similitude study of ventilation-inlet con-
A multiple temperature water bath 672 Read, K.	Schmitz, F. L. Wilschwitz runoff sampler	figuration T 218 Smith, Norman
Distribution of trifluralin in the soil when	Schoof, R. R.	Direct measurement of muscle-work out- put with biopotentials
mixed with disk harrow and power ro- tary cultivator	Precise discharge measurements for hydrologic research	Smith, R. E.
Reaves, C. A. Similitude in performance studies of soil-	Schultze, W. Donald Does the milking machine cause bovine	Applications of geometry analysis of anomalous shapes to problems in transi-
chisel systemsT 658	mastitis? 522	ent heat transferT 296

Heat transfer from hams during freezing by low-temperature air
Smith, S. W.
Devices for small-plot experiments in
grassland renovation research T 54 Snow loads, Building failures from wind
and 290
grassian tenovation research Snow loads, Building failures from wind and 290 Snow measurement accuracy by manual and automatic methods in a high density snow course network in Colorado
course network in ColoradoT 826
Snow pack evaporation parameters, Im-
tainT 818
Snowcover in the prairie provinces of
Snowmelt streams. Forecasting stream flow
on T 816 Soil, A track shoe for soft T 746 Soil aeration during sprinkler irrigation, Characterization of T 16
Soil aeration during sprinkler irrigation, Characterization of
Soil and water conservation practices, Value
Soil and water conservation, Tillage prob-
lems in
Soil and water conservation practices, Value to society of
Soil bins, artificial soils and scale-model
of precision
Soil covered with plastic mulches, Potential
Soil. Effect of section thickness on shear
characteristics of an artificialT 6
Soil erosion control principles – tillage,
Soil compaction on cotton yields, Influence of precision
nique in
nique in
earthmoving 230
Soil mixes with aerated steam, Sterilizing 400 Soil moisture tension profiles, Continuous monitoring of
monitoring of
Soil on penetration resistance, influence of compaction hardening of
Soil property relating to use of water by
compaction hardening of
to concrete irrigation structuresT 206 Soil system, Instrumentation for measuring water potential of an intact plantT 38
Soil temperatures, Interpretation of diurnal
variation in
Soil system, Instrumentation for measuring water potential of an intact plant—T 38 Soil temperatures, Interpretation of diurnal variation inT 195 Soil, water and nutrient losses from Tifton loamy sand
and evaporation in relation to tillage in
and evaporation in relation to tillage-in- duced soil structureTC 37 Soil when mixed with disk harrow and pow- er rotary cultivator, Distribution of tri-
Soil when mixed with disk harrow and pow-
Soil when mixed with disk harrow and pow- er rotary cultivator, Distribution of tri- fluralin in the
Soil-chisel systems, Similitude in perfor-
Soil-implement relationsTC 32
Soil-machine systems, Similitude ofT 653
citrus. Hydraulic conductivity ofT 566
Soils, Performance of shallow subsurface
Soils. Predicting draft forces using model
moldboard plows in agricultural T 665
the brown loam
Soils, Yielding by compaction and shear in
Solar-heated ventilation air for swine build-
er rotary cultivator, Distribution of tri- fluralin in the
fruits T 46 Some effects of building construction on
bulls
Some effects of dust resistivity on the elec-
comfort and breeding efficiency of dairy bulls T 250 Some effects of dust resistivity on the electrostatic pesticide application process T 175 Sonic boom, To study animal response to 86 Sonic energy, Response of face flies and house flies to T 691
Sonic energy, Response of face flies and
house flies to
Solcason, s. Tr. si.
grain on design of conditioned-air stor-
Continuous and intermittent drying of
age systems
specific near of buriey tobacco during the
Spectrofluorometric properties of biological
the T 112
materials, An instrument for determining the
the 400 to 800 nm region T 407 Speed reducer, A stepless variable T 132
Splinter, William E.
Splinter, William E. A mechanical harvesting and handling
Instrumentation for measuring water no-
storage conditions on mechanical be-
Influence of variety, time for harvest, and storage conditions on mechanical behavior of the sweet potato
Growth dynamics of small tobacco plants as affected by night temperature and
initial plant sizeT 126

Compression plunger, skinning and fric- tion properties of sweet potatoesT 167 Development of an automatic trans- planter
Development of an automatic trans-
Air-curtain nozzle developed for electro-
planter T 191 Air-curtain nozzle developed for electro- statically charging dusts T 487 Electrostatic charging of agricultural
sprays
Theoretical model for man-machine sys-
Theoretical model for man-machine system in a repetitive loading operation .T 840 Simulation studies of human errors in multiple-loading transplanting T 844
Spomer, R. G. Effects of conservation on the hydrology of loessial watersheds
of loessial watersheds
of loessial watersheds
and nutrient retention of night-density
alfalfa hay bales
Spray droplet distributions from agricultural aircraft, Analysis of
nonzontal uner
Spray-deposit patterns and droplet sizes obtained from nozzles used for low-volume application
aeration during
pivot
pivot T 11 Sprinkler systems, Predicting field distributions of T 801 Stadelman, W. J.
Engineering implications of freeze-drying
research on meatsT 877 Staley, L. M.
Minimum cost forage machinery selection related to rainfall probabilities T 563
Stalk cutter, Developing a high-capacity . 132 Stall, John B.
Hydraulics and stream geometry T 454 Standardization in the fluid power industry. 667
Standards increase electrical safety, How. 335 Standifer, L. C.
damage resulting from flame cultivation. T 776
Stanley, J. M. Suppression of nocturnal tobacco insect
populations with blacklight traps T 611 Statistical analysis of Nebraska pto varying power and fuel consumption data T 43
Steady-state thermodynamics: a methodol-
Steel bins for bulk handling systems 144
Steel frames for light building construction, Performance of light-gage, cold-rolled T 279
Steering farm vehicles – a study in simula- tion
Characterization of soil aeration during
Steinbruegge, G. W.
Effect of section thickness on shear characteristics of an artificial soilT 6
Numerical solution of tire strain prob- lems
Apparent thermal conductivity during
Apparent thermal conductivity during freeze-drying of a food model T 874 Stepless variable-speed reducer, A T 132 Sterilizing soil mixes with aerated steam 400
Stetson, L. E. Pulse modulating a high-power rf oscillator
and radiofrequency electrical treatments. T 728
Stewart, Bill R. Effect of moisture content and specific
weight on internal-friction properties of sorghum grain
sorghum grain
terminate truss analysis, A
Stout R A
Predicting economic feasibility of me- chanical vegetable harvesting systems. T 353 Strain-gage input coupler, X-Y plotter 608 Strategy for securing students
Strain-gage input coupler, X-Y plotter 608 Strategy for securing students 87
Strawberries be harvested mechanically?,
Stream geometry, Hydraulics and T 454 Structural analysis of floor grids for con-
Strawberries be harvested mechanically?, Can
connections, Analysis of
Mechanically harvesting the Thompson seedless grape
seedless grape
The engineer in food processing 734 Stumpf, Henry T.
A multiple temperature water bath 672 Submerged flow in parshall flumes T 142
Suddarth, S. K.
Analysis of structural frames with semi- rigid ground connections

Shear stress in adhesive joints subject to bending
bending
Water management of fall-planted T 792 Sugar beets, Precision planting of 588
Suggs, Charles W.
Sugar beets, Precision planting of
Steering farm vehicles – a study in simulation T 809
lation T 809 Theoretical model for man-machine system in a repetitive loading operation T 840 Simulation studies of human errors in
multiple-loading transplanting 844
Sulek, J. J. Statistical analysis of Nebraska pto vary- power and fuel consumption data T 43
power and fuel consumption data T 43 Predicting varying power fuel economy of tractors from the maximum power fuel
Sulfate hazards to concrete irrigation struc- tures, Soil surveys for predicting T 206 Suppression of nocturnal tobacco insect
Suppression of nocturnal tobacco insect populations with blacklight traps T 611
populations with blacklight trapsT 611 Sweet potato, Influence of variety, time from harvest, and storage conditions on
Sweet potatoes Compression plunger skip-
ning and friction properties ofT 167
pact loading, Mechanical behavior of T 765
ning and friction properties of T 167 Sweet potatoes under slow loading and impact loading, Mechanical behavior of T 765 Swine at high temperature, Effect of humidity on
Swine buildings, Solar-heated ventilation air 79
Swine finishing houses, Effect of floor type on required moisture-vapor removal rate
fromT 149
from T 149 Symposium on similitude in tillage and traction, Introduction: T 652 Systems for mechanically harvesting coffee T 270
tion, Introduction:
T
Target meters for velocity and discharge
measurements in open channelsT 854 Tavernetti, J. R.
Influence of precision tillage and soil compaction on cotton yields
Taylor, Howard M. Effects of tillage-induced soil environmen-
tal changes on root growthTC15
Devices for small-plot experiments in
Interpretation of diurnal variation in soil
temperaturesT 195 Temperature fluctuations in animal shelters, Frequency analysis of weather for esti-
Tennes, B. R. Directional strength properties of cherry, apple and peach bark and the influence
apple and peach bark and the influence
apple and peach bark and the influence of limb mass and diameter on bark damage
Tensile and shear strength characteristics of
alfalfa stems T 256 Terraces, Improvements in bench T 532 Terraces in eastern Colorado, Conservation bench T 389
bench
Dench Terraces in Kansas, Conservation bench T 387 Terraces in Montana, Conservation bench T 393 Terraces in North Dakota, Conservation bench T 396
Terraces in Texas, Conservation bench 1 363
Theakston, F. H.
Air flow pattern around farm buildings. T 287 Theoretical model for man-machine system in a repetitive loading operation T 840
Thermal conductivity during freeze-drying of a food model, Apparent
Thermal properties of the McIntosh apple T 21
Thermodynamics: a methodology for agri- cultural process engineering, Steady-state . T 68
Soil water and nutrient losses from Tifton
Thompson, H. A. Snowcover in the prairie provinces of
Snowcover in the prairie provinces of
Thompson, T. L.
Useful search techniques to save research time
Mathematical simulation of corn drying — a new model
Scheduling of self-propelled balewagon
operations subsequent to baler opera- tions
Tile and surface drains and their effect on the water table in a wet soil. Yield of T 86 Tile-drain filters and ditch banks caused by anaerobiosis, Chemical changes in T 41 Tillage—a conservation measure, Minimum. TC75 Tillage and land modification for water erosion control TC58
anaerobiosis, Chemical changes in T 41
Tillage—a conservation measure, Minimum.TC75 Tillage and land modification for water ero-
sion control
sion control
Tillage and soil-plant-water relationshipsTC47 Tillage and traction, Introduction: symposium on similitude inT 652
T (50

Tillage as a conservation toolTC56	Tree-shaker harvest system for citrus fruit,	Walters, John
Tillage, Changes in seed environment due	Design and development of a	Planting gun and bullet
toTC 5 Tillage – Environmental requirements for	Tree walls for the tree fruit industry 198 Trent, D. S.	Wang, Jaw-Kai Systems for mechanically harvesting
seed germination and emergenceTC10	Laboratory method for supplying mois-	coffee
Tillage equipment, New developments in planting andTC92	ture uniformly to soil by condensation. T 519 Truss analysis, A stiffness algorithm for de-	Wanjura, D. F. Metering and seed-pattern characteristics
Tillage, Farmer's role in adoption of mech-	terminate and indeterminate	of a horizontal edge-drop plate planter. T 468
anized conservation practicesTC85	Turkey response, Effect of dust and ammo- nia air contamination on	Washichek, J. N.
Tillage for moisture conservation, Land forming andTC68	Turner, C. N.	Snow measurement accuracy by manual and automatic methods in a high den-
Tillage, Mechanization of soil erosion control principlesTC76	A ventilating system for high-density	sity snow course network in Colorado. T 826
Tillage, Nutrient relationships and fertilizer	housing of poultryT 871	Waste, Aerobic digestion of cattleT 757 Waste, Hydrologic and quality effects of_
placement as affected byTC26		disposal of peach cannery 90
Tillage on plant growth as influenced by	U	Waste water conservation and renovation research
soil organisms, Effect of	Underground electric service to serve irri-	Wastes management in the future, Agri-
fillage on soil properties and water content,	gation wells 404	cultural 729
Effect ofTC30	Upstream flood control effects on river	Water and nutrient losses from Tifton loamy sand, Soil,
Tillage problems in soil and water conservation	basin hydrology	Water bath, A multiple temperature 672
Tillage, Relation of conservation practices	Use of holdout hydrographs for project	Water distribution under sprinkler irriga- tion
to new farming systems	formulation and river basin investigation. T 762	Water evaporation systems, Cooling of
Image research, Potential and need for	Use of time-lapse photography in tobacco- curing research	greenhouses with variousT 116
soilTC 3 Tillage, Research worker's role in farmer	Use of tracer technique in soil erosion re-	Water for national forest visitors?, How much
acceptance of results of research in mech-	search	Water for recharge through wells, I reat-
anizing conservation practicesTC80 Tillage, Role of the extension workerTC 84	timeT 461	ment of playa lake
Tillage Role of the farm machinery de-	Using digital computers in farm equipment design	Water management of fall-planted sugar
signer	Utility requirements for processing broilers. T 136	beets in Salt River Valley of ArizonaT 792 Water potential, Design features of intact
fillage-induced soil environmental changes		leaf thermocouple psychrometers for
on root growth, Effects ofTC15 Tillage-induced soil structure, Soil water	% 7	measuringT 631
storage as affected by infiltration and	V	Water potential of an intact plant-soil sys- tem, Instrumentation for measuring T 38
storage as affected by infiltration and evaporation in relation toTC37	Vacuum storage of high-moisture-content_	Water release as a soil property relating to
Timber connection combination in joints be- tween wood members, Notching and T 146	Value to society of soil and water conser-	use of water by plants
Timing of an event depending upon ground	vation practices	study of freeze protection of a leaf model
speed 205	VandenBerg, Glen E. How the USDA selects research projects. 468	subjected to
Tipping bucket device for measuring very low flows	Yielding by compaction and shear in un-	Water table in a wet soil, Yield of tile and
Tire spacing affects tractive performance,	saturated soilsT 307	surface drains and their effect on the T 86
How dual	Van Doren, C. E. Land forming and tillage for moisture	Water yield from small watersheds in Iowa, Factors affecting
Tires on sand, Dimensional analysis of per-	conservationTC68	Watershed research, Geophysical, isotope
formance of pneumatic	Van Doren, D. M. Jr.	and tracer techniques in 1 601
To determine the density spectrum of individual grains	Changes in seed environment due to till-	Watersheds, Effects of conservation on the hydrology of loessial
To meet the demands of today's human en-	Van Gerpen, Harlan W.	Watersheds in Iowa Factors affecting water
vironment	Using digital computers in farm equipment design	yield from small
Tobacco, A mechanical harvesting and han-	van Rest, D. J.	for small
dling system for	Exposed-layer drying rates of grain T 236 Van Syoc, Wendell	Watersheds, Rapid flood-peak determina-
Tobacco during cure, Calorimeter for meas-	Predicting tractive performance in vari-	tion on small
uring the respiration heat of burley T 724	ous soils 736	stead 1 426
Tobacco during the cure, Specific heat of burley	Vegetable growers speak out, Commercial. 134 Vegetable harvesting systems, Predicting	Weather and economics determine corn- production machinery systems
Tobacco insect populations with blacklight	economic feasibility of mechanical T 353	Weather for estimation of temperature fluc-
traps, Suppression of nocturnalT 611 Tobacco plants as affected by night tem-	Vegetables, Instrumentation for investigat- ing dynamic mechanical properties of	tuations in animal shelters, Frequency analysis of
perature and initial plant size, Growth	truits and 94	Weather information for farmers, Compu-
dynamics of small	Vegetables, Mechanically harvesting fruits and	terized
in curing burleyT 884	Vegetables, Precision planting—a reality for. 344	Webb, Byron K.
in curing burley	Vegetables with brackish water, Irrigating.T 171	Recruiting students at section meetings. 152
photography in	Vehicles — a study in simulation, Steering farm	Some effects of dust resistivity on the electrostatic pesticide application
Acoustically forced vibration of green-	farm	process 175
houseT 731	of poultry, AT 871 Ventilating the barn in cold weather 668	Weeding: what's new?, In flame
Tomatoes – for profit, The mechanical har- vesting of	Ventilation air exchange in windowless poul-	ing burley tobacco T 884
Topographic modification of land for mois- ture entrapment	try houses, Psychrometrics of summer T 78 Ventilation air for swine buildings, Solar-	Weir, Factors affecting scour-hole develop- ment upstream of a rectangularT 572
Tovey, Rhys	heated 79	Weiss, A. O.
Continuous monitoring of soil moisture	Ventilation-inlet configuration, Similitude	Factors affecting scour-hole development
tension profiles	vertical bottom pressures of confined stacks	upstream of a rectangular weir T 572 Wells, G. D.
Track shoe for soft soil, A	of dried citrus pulp T 868	Psychrometrics of summer-ventilation air exchange in windowless poultry houses. T 78
Traction, Introduction: symposium on si- militude in tillage and	Vetter, Betty What price equity?	Wells. Treatment of playa lake water for
Tractive performance, How dual tire spac-	Viscoelastic analysis of the behavior and	recharge through
ing affects	properties of cherry bark and wood un- der static and dynamic loadingT 323	what do tax dollars buy in agricultural re- search?
dicting 736	Viscosity of organic slurries, Measuring	what management expects of the engineer. 131
Tractor noise and operator performanceT 1	Vomocil, J. A.	What price equity?
Tractor skidding in Montana, Exploratory	Relation of moisture content to tensile-	porting
analysis of crawler	failure strength of glass bead systems T 616	Whitaker, J. H.
hitch lift capacity, Parameters for balanced design of	Von Bargen, Kenneth Man-machine performance in a baled-	Bulk curing cigar tobacco
Tractor, Trafficability tests with a two-	alfalfa-hay harvesting system 57	Utility requirements for processing
Tractor, Trafficability tests with a two- wheel-drive industrial	Voorhees, W. B. Nutrient relationships and fertilizer place-	broilersT 136
the mass movement of inertia of aT 416	ment as affected by tillageTC26	Whitney, J. D. Moisture movement in a porous, hygro-
Tractors for developmental agricultural		scopic solidT 716
mechanization, Selecting optimum-sized .T 508 Tractors from the maximum power fuel	w	Whitney, R. W.
economy. Predicting varying power fuel	••	Particle separation in a pneumatic conveying system
economy of	Wafer formation of alfalfa and bermuda- grass, Heated-die	veying system
Trafficability tests with a two-wheel-drive industrial tractor	grass, Heated-dieT 578 Wagner, W. V. Jr.	Wiersma, Frank Mechanical removal of wire ties from hay
Transplanter, Development of an automatic. T 191	An all-precast, concrete, rigid-frame build-	balesT 549
Transplanting, Simulation studies of human errors in multiple-loading	ing for farm and agri-business T 258 Walker, J. N.	Wilke, J. T.
Transporting wheat grain along the combine	Cooling of greenhouses with various water	Wilschwitz runoff sampler
Treatment of playa lake water for recharge	evaporation systems	Tillage as a conservation toolTC56
shoe 408 Treatment of playa lake water for recharge through wells T 108 Tree-shaker design, Limb properties of cit-	greenhouses during cold weather T 263	Williams, E. J.
Tree-shaker design, Limb properties of cit- rus as criteria for	Control of high humidity in greenhouses during warm weather	Vertical bottom pressures of confined stacks of dried citrus pulp 7 868
43 611616 161		

Williams, Lamar	Wolfe, J. W.
Parameters for balanced design of tractor stability, weight distribution and hitch	Laboratory method for ture uniformly to soil b
lift capacity 532	Wolfe, R. R.
Predicting tractive performance in various soils	Effect of dust and ammo nation on turkey respo
Willis, W. O. Conservation bench terraces in North	Wood-durability tests, Fort
DakotaT 396	Woodruff, N. P.
Wilschwitz runoff sampler T 883 Wind and snow loads, Building failures	Tillage and land modific wind erosion
from 290	Works, D. W.
Wind erosion, Tillage and land modifica- tion to control	Hard-seed reduction in a red and radiofrequency
Wind-tunnel investigation of air flow over a hexadecanol monolayer spread on a	ments
water surfaceT 553	Wright, F. S.
With many challenging hurdles 393	Influence of variety, tim
Wittmuss, H. D. Topographic modification of land for	and storage conditions behavior of the sweet p
moisture entrapment	Compression plunger, sk tion properties of potat
Witzel, S. A.	Mechanical behavior of
Wilschwitz runoff sampler	under slow loading and

Laboratory method for supplying mois- ture uniformly to soil by condensation. T 519
Wolfe, R. R.
Effect of dust and ammonia air contami-
nation on turkey response
Wood-durability tests, Forty years of T 203
Woodruff, N. P.
Tillage and land modification to control wind erosionTC63
Works, D. W.
Hard-seed reduction in alfalfa by infra- red and radiofrequency electrical treat- ments
Wright, F. S.
Influence of variety, time from harvest, and storage conditions on mechanical behavior of the sweet potato
Compression plunger, skinning and fric- tion properties of potatoes
Mechanical behavior of sweet potatoes under slow loading and impact loading .T 765

78- 1-Z
X-Y plotter strain-gage input coupler 608 Yates, Wesley E.
Analysis of spray droplet distributions from agricultural aircraft
Yield of tile and surface drains and their effect on the water table in a wet soil T 86
Yielding by compaction and shear in un- saturated soils
Tree walls for the tree fruit industry 198 Young, D. F.
Simulation and modeling techniques T 590 Similitude of soil-machine systems T 653
Zahradnik, J. W. Thermal properties of the McIntosh
zink, Carlton L. Safety in farm equipment: the manufac-
Zoz, Frank M. 74
Effect of section thickness on shear characteristics of an artificial soil 6

